

Agenda
Huron-Clinton Metropolitan Authority
Board of Commissioners Meeting
May 12, 2022 – 1:00 p.m.

Stony Creek Metropark (Nature Center and via Zoom for the public)

<https://us02web.zoom.us/j/88520055982?pwd=cnUzK0FpM3Q1NmhOMHYrb0tKUFdLQT09>

Meeting ID: 885 2005 5982 / **Passcode:** HCMA2022

Dial by your location: +1 929 205 6099 (New York) / +1 301 715 8592 (Washington, D.C)

1. Call to Order
2. Chairperson's Statement
3. Public Participation
4. Approval – April 14, 2022 minutes
5. Approval – May 12, 2022 Full Agenda
6. **Approval – May 12, 2022 Consent Agenda**
 - a. Approval – April 2022 Financial Statements
 - b. Approval – April 2022 Appropriation Adjustments **pg. 1**
 - c. Report – Capital Project Fund Update **pg. 3**
 - d. Report – Major Maintenance Update **pg. 9**
 - e. Purchases
 1. Report – Purchases over \$10,000 **pg. 12**
 2. Total Spend and Vendor Location **pg. 13**
 3. Bobcat Skid Steer, Kensington **pg. 15**
 4. 2023 Annual Permits **pg. 16**

Regular Agenda

7. **Report – Community Recreation Plan 2022 Regional Survey **pg. 17****
8. **Reports**
 - A. **Administrative Department**
 1. Report – Climate Action Plan Update, Dr. Perry **pg. 346**
 2. Report – HR Update **pg. 347**
 3. Report – Shelden Trails Redevelopment Project **pg. 365**
 - B. **Closed Session** – to consider material exempt from discussion or disclosure by state or federal statute pursuant to Section 8(h) of the Open Meetings Act.
 - C. **Departmental Updates**
 1. Report – Natural Resources Update **pg. 366**
 2. Report – Planning and Development Update **pg. 373**
 3. Report – Interpretive Services Update **pg. 394**
 4. Report – DEI Update **pg. 401**
 5. Report – Marketing Update **pg. 406**
 - D. **Financial Department**
 1. Report – Monthly Financial Review **pg. 413**
 2. Report – Revenue Policy **pg. 425**
 3. Approval – 2021 Pension Valuation, GASB 67/68, 2022 Contribution **pg. 429**
 4. Approval – 2021 Retiree Health Care Trust Valuation, GASB 74/75, 2022 Contribution **pg. 480**
 5. Approval – 2022 Pension Reimbursement **pg. 536**

8. **Reports**

E. Planning and Development

1. Report – Detroit Public Schools Community District Physical Education Partnership **pg. 537**

F. Engineering Department

1. Approval – Change Order, Willow Park Office **pg. 538**

G. Natural Resources

1. Report – Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award **pg. 540**
2. Approval – Project Funds Reallocation, Lake Erie Shoreline and Marsh Restoration project **pg. 542**

9. **Leadership Update**

10. **Other Business**

11. **Public Participation**

12. **Commissioner Comments**

13. **Motion to Adjourn**

A Pension Committee and RHCT meeting is scheduled for
Thursday, May 12, 2022 – 10:30 a.m.
Stony Creek Metropark Nature Center

The next regular Metroparks Board meeting will take place
Thursday, June 9, 2022 – 1:00 p.m.
Oakwoods Metropark – Nature Center



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – April Appropriation Adjustments
Date: May 6, 2022

Action Requested: Motion to Approve

That the Board of Commissioners approve the April 2022 Appropriation Adjustments as recommended by Chief of Finance Shedreka Miller and staff.

Background: The Metroparks ERP system provides a work-flow process to facilitate departmental budget management. Requested transfers are initiated by department staff and routed to the appropriate department head/district superintendent for review and approval. Finance provides a final review of the approved requests to verify that they do not negatively impact Fund Balance.

For the month of April, \$423,185 was transferred between general fund operation accounts. Transfers were also processed within the capital project fund totaling \$76,634. Tax adjustments resulted in a \$18,572 net increase in the Fund Balance.

The result of these changes can be seen by Accounting Function and Location in the attached chart.

Attachment: Appropriation Adjustments

Huron-Clinton Metropolitan Authority
April 2022 Appropriation Transfer Summary

Expense Accounts	Expense Increase/ Revenue Decrease	Expense Decrease/ Revenue Increase	Difference
Major Maintenance			
Administrative Office	\$ -	\$ 8,955	\$ (8,955)
Lake St. Clair	2,197	-	2,197
Kensington	1,025	-	1,025
Lower Huron/Willow	2,416	-	2,416
Lake Erie	949	-	949
Wolcott	2,368	-	2,368
Total	\$ 8,955	\$ 8,955	\$ -
Operations			
Lake St. Clair	\$ -	\$ 1,500	\$ (1,500)
Lower Huron/Willow	412,730	3,060	409,670
Wolcott	1,500	-	1,500
Administrative Office	-	409,670	(409,670)
Total	\$ 414,230	\$ 414,230	\$ -
Total General Fund Transfers			
	\$ 423,185	\$ 423,185	\$ -
Capital Project Fund			
Administrative	\$ -	\$ 76,634	\$ (76,634)
Lake St. Clair	2,134	-	2,134
Kensington	5,862	-	5,862
Lower Huron/Willow/Oakwoods	24,013	-	24,013
Hudson Mills	16,133	-	16,133
Stony Creek	23,633	-	23,633
Lake Erie	4,859	-	4,859
Total	\$ 76,634	\$ 76,634	\$ -
Tax Adjustment			
Current	\$ -	\$ 6,438	\$ (6,438)
Prior	-	12,135	(12,135)
Total	\$ -	\$ 18,572	\$ (18,572)



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Capital Project Fund
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Capital Project Fund report as submitted by Chief of Finance Shedreka Miller and staff.

Background: In 2018, the Board of Commissioners approved the creation of a capital project fund. To improve the information provided on specific capital improvement projects Finance is working on developing a monthly performance report.

The following columns of data are provided by project:

- Life-To-Date Total Project Budget
- Year-To-Date Total Project Expenditures
- Life-To-Date Total Project Expenditures
- Current Project Encumbrances (Funds committed through the purchase order process)
- Balance (Life-To-Date Budget less Life-To-Date Expenditures and Current Encumbrances)

This information has now been augmented to include the original budget. In addition, a new page has been added which provides a more detailed description of the project as well as the current status of the project and the current estimate of what year the project will be completed. It is anticipated that this additional information will allow the Board of Commissioners as well as the general public to stay up-to-date on the capital project work underway throughout the Metroparks.

Expenditures during April 2022 were primarily related to staff time and a few payments for contracted work were made. The following projects had significant expenses during the month:

- Stony Creek – Boat Launch Building Redevelopment
- Hudson Mills – Rapid View Area Development
- Lake St Clair – Beach Restoration

Attachment: April 2022 Capital Project Fund Update

April Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
Lake St Clair	Black Creek Marsh Wetland Filtration Enhancement	A natural shoreline project which will remove rip-rap, regrade slope and install native vegetation which will improved filtration of water entering the marsh and improve habitat as well as reducing erosion.	299,922	160,000	To finish in Spring	2022
Lake St Clair	Accessible Kayak Launch & Power Installation		56,151		In Design	2022
Lake St Clair	Backup Internet Fiber Installation	Comcast installation of underground fiber network	40,000		Complete	2022
Lake St Clair	Electrical Grid Replacement	Assessments, cost estimates, and project development for future projects to address electrical power infrastructure upgrades and repairs.	807,140		Currently finalizing alignment for phase I	2026
Lake St Clair	Beach Restoration	Multi-year EGLE grant project through 2023. Plantings and bird deterrents installation to improve water quality funding includes follow up water quality monitoring.	477,948	292,167	First phase complete	2023
Lake St Clair	Michigan Coastal Management Program-Accessible Launch	Accessible Kayak Launch - grant application has been made to Michigan Coastal Management Program.	392,850	196,425	In Design	2023
Lake St Clair	Entrance/Office Road Reconstruction	Reconstruction of deteriorating Entrance Road, Office road	1,105,552		Budgeted	2023
Lake St Clair	Wood Bridge near Interpretive Center Replacement	Replace 70'-long wood structure damaged over past 3 years due to high water. Requires permits.	62,141		Budgeted	2022
Lake St Clair	Upgrade 4th Tollbooth	Purchase new portable booth. Directional bore power to unit for RecTrac system.	27,538		Budgeted	2022
Kensington	West Boat Launch - Accessible Kayak Launch	Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at West Boat Launch.	418,921	154,000	In Design	2022
Kensington	Accessible Path from N Hickory Shelter to Restroom	Pave 580 lf path from shelter to restrooms per the ADA Transition Plan.	66,273		Budgeted	2022
Kensington	Accessible Path from S Martindale Shelter to Vault & Beach	Pave 950 lf path from shelter to restrooms and beach area per the ADA Transition Plan. Include concrete work needed for access mat across beach sand.	85,954		Budgeted	2022
Kensington	Accessible Path from N Martindale Shelter to Beach	Pave 250 lf path section along parking lot to connect shelter with beach area, food bar, and bathhouse.	30,212		Budgeted	2022
Dexter	Delhi Launch & Take Out Renovations	Renovation of launch area at Delhi.	306,000	153,000	Budgeted	2022
Lower Huron	North Fishing Site Redevelopment	Land and Water Conservation Fund grant funded project to improve accessibility and site amenities at the Walnut Grove Campground.	297,399	144,400	Construction Completed-Awaiting Grant money	2022
Lower Huron	Backup Internet Fiber Installation	Comcast installation of underground fiber network	185,362		In Construction	2022
Lower Huron	Toll Booth Replacement and Paving	Toll Booth replacement on existing pedestal at Oakwoods and Lower Huron - Beemis Road entrance.	30,000		In Construction	2022
Lower Huron	Turtle Cove Crosswalk Path	Construction of a path and crosswalk from the Foxwoods parking lot to Turtle Cove	100,355		In Design	2022
Lower Huron	Iron Bell Trail Project	Michigan Natural Resources Trust Fund grant funded project to extend the Iron Bell trail from its current terminus to the north park entrance (Huron River Drive)	845,016	488,742	Awaiting Grant Agreement	2022
Lower Huron	Walnut Grove Campground Improvements	Land and Water Conservation Fund grant funded project to improve accessibility and site amenities at the Walnut Grove Campground.	784,600	450,000	Awaiting Grant Agreement	2022
Lower Huron	Off Leash Dog Area Development	Land and Water Conservation Fund grant funded project to develop a new fenced in area for off leash dog activities	330,800	165,400	Awaiting Grant Agreement	2022
Lower Huron	New Slide Structure at Turtle Cove	Install new slide at Turtle Cover water park.	1,605,983		Budgeted	2023
Lower Huron	Accessible Path from Hawthorne Glade N Shelter to Turtle Cove	Pave 1,285 lf path from shelter to restrooms and Turtle Cove area per the ADA Transition Plan.	110,000		Budgeted	2022

April Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
Lower Huron	Accessible Path from Tulip Tree Shelter to Restrooms	Pave 330 lf path from shelter to restrooms per the ADA Transition Plan; this area is not included in the Walnut Grove campground LWCF grant project.	30,000		Budgeted	2022
Hudson Mills	Backup Internet Fiber Installation	Comcast installation of underground fiber network	7,994		Completed	2022
Hudson Mills	Rapids View area Development	Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Rapids View	649,368	226,900	In Design	2022
Hudson Mills	Picnic Area Development at Canoe Launch	Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Dexter-Huron	404,809	192,700	Awaiting Grant Agreement	2022
Hudson Mills	UST Removal	Removal of underground storage tank at Golf Course	34,356		In Construction	2022
Hudson Mills	Replace Vault Toilet with CXT	Replace curren vault toilet with CXT.	110,071		Budgeted	2022
Hudson Mills	Accessible Access to Activity Center Shelter	Pave 320 lf path from bike trail to AC shelter to make it ADA compliant. Include accessible tables/grill & concrete pad as part of project.	40,071		Budgeted	2022
Hudson Mills	Convert Gas Storage Tanks for Above Ground	Conversion of gas storage tanks	127,273		In Design	2022
Stony Creek	Shelden Trails Redevelopment	Redevelopment of the multi-use natural surface Shelden Trails system	863,845	50,000	In Construction	2022
Stony Creek	Boat Launch Building Redevelopment	Construction of a new restroom and shade structure at the boat launch facility	1,978,967	50,000	In Construction	2022
Stony Creek	Development of Off Leash Dog Area	Michigan Natural Resources Trust Fund grant funded project to develop a new fenced in area for off leash dog activities	266,949		In Construction	2022
Stony Creek	Backup Internet Fiber Installation	Comcast installation of underground fiber network	80,000		Substantially Completed	2022
Stony Creek	26 Mile Rd. Connector - Bike Path	Transportation Alternatives Program grant (obtained by Macomb County) funded project to connect into the park from 26 Mile Road	26,710		Design Complete - State is reviewing	2022
Stony Creek	Golf Course Pumphouse & Irrigation System Replacement	Replacement of intakes, pumps, controls, piping and heads. One year of design before construction.	1,000,000		In Design	2023
Stony Creek	Accessible Path from Winter Cove N to Winter Cove S Shelters	Pave 625 lf in asphalt paths connecting both Wintercove shelters to lot, restroom and playground areas per the ADA Transition Plan.	56,082		Budgeted	2022
Stony Creek	Accessible Path from W Branch North Shelter to Restroom	Pave 310 lf asphalt paths from shelter to restroom per the ADA Transition Plan.	59,135		Budgeted	2022
Stony Creek	Develop Shelter in former Banquet Tent Area	Replace Banquet Tent with shelter.	500,000		Budgeted	2022
Stony Creek	Seawall Repair & Washington Twp Fire Dept Boat Pier	Repair the seawall at the Boat Launch / update parking lot lighting. Incorporate pier for Washington Twp. FD & Metroparks police boat.	571,838		Budgeted	2022
Stony Creek	Reflection Nature Trail Improvements	Removal and realignment of 1/2 mile of 6' wide asphalt path, 284 lf of 8' wide boardwalk, replacement of three existing footbridges, a 400sf overlook structure and pond dipping platform.	931,200	465,600	Budgeted	2022
Stony Creek	Hike Bike Path & Bridge Replacement btwn Winter Cove & Mt Vernon	Replace with precast bridge between Wintercove and Mt. Vernon, original structure (15' x 40') is failing, uneven decking and entry, exit points. Leading to injuries from cyclists and rollerbladers. It is no longer safe to plow during the winter. Requires permits.	80,458		Budgeted	2022
Willow	Park Office Replacement	Construction of a new park office building at the north end of Willow Metropark to replace the sub-standard legacy facility at Lower Huron Metroparks.	2,722,174		In Construction	2022

April Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
Willow	Backup Internet Fiber Installation	Comcast installation of underground fiber network	0		In Review	2022
Willow	Big Bend Shoreline Protection	National Fish and Wildlife Foundation SE MI Resilience Fund grant project to mitigate Huron River streambank erosion and improve habitat	512,812	250,000	Design Started	2023
Willow	Washago Pond Restoration	Removal of that dam structure, sheet pile walls and docks and subsequent site restoration.	904,171		Budgeted	2022
Willow	Accessible Path from Fox Meadows N & S Shelters to Pool	Pave 650 lf asphalt paths connecting both Fox Meadows shelters to the restroom and to the pool activity area/playground per the ADA Transition Plan.	65,000		Budgeted	2022
Willow	Willow Park Office Communicaiton Conduit	Connectivity to new park office	33,808			
Oakwoods	Backup Internet Fiber Installation	Comcast installation of underground fiber network	0		In Review	2022
Oakwoods	Accessible Nature Trail Development	Land and Water Conservation Fund grant funded project to develop an accessible nature trail and make associated site improvements	250,294	124,000	Awaiting Grant Agreement	2022
Lake Erie	Shoreline and Fish Habitat Restoration	This shoreline project will regrade the existing shoreline, install native vegetation as well as creating near-shore shoals. Channels and pools will also be created in the nearby marsh. This work will improve fish spawning habitat.	1,630,165	1,404,353	In Construction	2022
Lake Erie	Boat Launch Fish Cleaning Station	Installation of an onsite fish cleaning station at the boat launch facility	45,000	122,500	Budgeted	2023
Lake Erie	Accessible Kayak Launch with Area Development	Land and Water Conservation Fund grant funded project to develop an accessible kayak launch and associated site amenities at the Boat Launch	245,406		Awaiting Grant Agreement	2023
Lake Erie	Cherry Island Nature Trail Improvements	Trail improvements including aggregate trail from parking lot to new trail head and accessible amenities.	871,800	600,000	Awaiting Grant Agreement	2022
Lake Erie	Cove Point Vault Toilet Replacements	Cove Point vaults -removal/replacement of 2 vaults with CXTs.	100,746		Budgeted	2022
Lake Erie	Sewer Line Replacement at Boat Launch Building	Install new sewer line to service Boat Launch building, including pump upgrades and controls.	154,697		Budgeted	2022
Wolcott	Farm to Mill Trail Connector	Development of a connector trail from the Farm to the Mill. Multi year project design and construction	1,000,958		Budgeted	2024
Indian Springs	Backup Internet Fiber Installation	Comcast installation of underground fiber network	7,758		Completed	2022
Huron Meadows	Backup Internet Fiber Installation	Comcast installation of underground fiber network	0		In Review	2022
			<u>24,830,031</u>	<u>5,690,187</u>		

**Capital Project Status Report
As of 4/30/2022**

Location	Project Title	Original Budget	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Available Grant Funding
Lake St Clair	Black Creek Marsh Wetland Filtration Enhancement	253,000	299,922	0	97,616	0	202,306	160,000
Lake St Clair	Accessible Kayak Launch & Power Installation	50,000	56,151	0	0	0	56,151	
Lake St Clair	Backup Internet Fiber Installation	40,000	40,000	0	0	30,815	9,185	
Lake St Clair	Electrical Grid Replacement	802,216	807,140	4,596	63,344	53,196	690,600	
Lake St Clair	Beach Restoration	400,000	477,948	28,361	331,224	134,177	12,548	292,167
Lake St Clair	Michigan Coastal Management Program-Accessible Launch	392,850	392,850	11,600	16,622	0	376,228	196,425
Lake St Clair	Entrance/Office Road Reconstruction	1,100,000	1,105,552	11,802	11,802	0	1,093,750	
Lake St Clair	Wood Bridge near Interpretive Center Replacement	62,000	62,141	141	141	0	62,000	
Lake St Clair	Upgrade 4th Tollbooth	27,500	27,538	38	38	0	27,500	
Kensington	West Boat Launch - Accessible Kayak Launch	308,000	418,921	10,054	26,510	394,656	(2,245)	154,000
Kensington	Accessible Path from N Hickory Shelter to Restroom	65,000	66,273	1,273	1,273	0	65,000	
Kensington	Accessible Path from S Martindale Shelter to Vault & Beach	85,000	85,954	954	954	0	85,000	
Kensington	Accessible Path from N Martindale Shelter to Beach	30,000	30,212	212	212	0	30,000	
Dexter	Delhi Launch & Take Out Renovations	306,000	306,000	0	0	0	306,000	153,000
Lower Huron	North Fishing Site Redevelopment	288,800	297,399	0	290,799	0	6,600	144,400
Lower Huron	Backup Internet Fiber Installation	205,000	185,362	0	150,000	33,702	1,660	
Lower Huron	Toll Booth Replacement and Paving	30,000	30,000	0	21,840	0	8,160	
Lower Huron	Turtle Cove Crosswalk Path	90,000	100,355	2,582	10,355	81,353	8,648	
Lower Huron	Iron Bell Trail Project	716,700	845,016	10,274	58,781	17,809	768,426	488,742
Lower Huron	Walnut Grove Campground Improvements	784,600	784,600	0	0	0	784,600	450,000
Lower Huron	Off Leash Dog Area Development	330,800	330,800	0	0	0	330,800	165,400
Lower Huron	New Slide Structure at Turtle Cove	1,600,000	1,605,983	5,983	5,983	0	1,600,000	
Lower Huron	Accessible Path from Hawthorne Glade N Shelter to Turtle Cove	110,000	110,000	0	0	0	110,000	
Lower Huron	Accessible Path from Tulip Tree Shelter to Restrooms	30,000	30,000	0	0	0	30,000	
Hudson Mills	Backup Internet Fiber Installation	40,000	7,994	0	0	0	7,994	
Hudson Mills	Rapids View area Development	453,800	649,368	82,507	119,937	535,722	(6,290)	226,900
Hudson Mills	Picnic Area Development at Canoe Launch	385,500	404,809	7,408	19,309	0	385,500	192,700
Hudson Mills	UST Removal	-	34,356	5,313	11,629	22,728	0	
Hudson Mills	Replace Vault Toilet with CXT	110,000	110,071	71	71	0	110,000	
Hudson Mills	Accessible Access to Activity Center Shelter	40,000	40,071	71	71	0	40,000	
Hudson Mills	Convert Gas Storage Tanks for Above Ground	150,000	127,273	0	0	0	127,273	
Stony Creek	Shelden Trails Redevelopment	182,689	863,845	(25,000)	812,360	29,500	21,985	50,000
Stony Creek	Boat Launch Building Redevelopment	1,750,000	1,978,967	252,292	709,404	1,253,088	16,475	50,000
Stony Creek	Development of Off Leash Dog Area	138,500	266,949	10,576	227,827	31,756	7,366	
Stony Creek	Backup Internet Fiber Installation	80,000	80,000	0	0	70,407	9,593	
Stony Creek	26 Mile Rd. Connector - Bike Path	-	26,710	4,846	26,710	7,120	(7,120)	
Stony Creek	Golf Course Pumphouse & Irrigation System Replacement	1,000,000	1,000,000	0	0	0	1,000,000	
Stony Creek	Accessible Path from Winter Cove N to Winter Cove S Shelters	55,000	56,082	1,082	1,082	0	55,000	
Stony Creek	Accessible Path from W Branch North Shelter to Restroom	35,000	59,135	6,185	6,185	52,950	0	
Stony Creek	Develop Shelter in former Banquet Tent Area	500,000	500,000	0	0	0	500,000	
Stony Creek	Seawall Repair & Washington Twp Fire Dept Boat Pier	570,000	571,838	1,838	1,838	0	570,000	
Stony Creek	Reflection Nature Trail Improvements	931,200	931,200	0	0	0	931,200	465,600
Stony Creek	Hike Bike Path & Bridge Replacement btwn Winter Cove & Mt Vernon	800,000	80,458	458	458	0	80,000	
Willow	Park Office Replacement	2,121,300	2,722,174	139,662	2,194,886	384,639	142,649	
Willow	Backup Internet Fiber Installation	40,000	0	0	0	0	0	
Willow	Big Bend Shoreline Protection	501,593	512,812	9,648	23,242	4,132	485,437	250,000
Willow	Washago Pond Restoration	903,697	904,171	474	4,171	0	900,000	
Willow	Accessible Path from Fox Meadows N & S Shelters to Pool	65,000	65,000	0	0	0	65,000	
Willow	Willow Park Office Communication Conduit	-	33,808	0	0	0	33,808	
Oakwoods	Backup Internet Fiber Installation	40,000	0	0	0	0	0	
Oakwoods	Accessible Nature Trail Development	248,000	250,294	0	2,294	0	248,000	124,000
Lake Erie	Shoreline and Fish Habitat Restoration	1,600,000	1,630,165	24,566	232,448	1,123,358	274,359	1,404,353
Lake Erie	Boat Launch Fish Cleaning Station	45,000	45,000	0	0	0	45,000	122,500
Lake Erie	Accessible Kayak Launch with Area Development	245,000	245,406	0	406	0	245,000	

**Capital Project Status Report
As of 4/30/2022**

Location	Project Title	Original Budget	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Available Grant Funding
Lake Erie	Cherry Island Nature Trail Improvements	870,800	871,800	0	0	0	871,800	600,000
Lake Erie	Cove Point Vault Toilet Replacements	100,000	100,746	746	746	0	100,000	
Lake Erie	Sewer Line Replacement at Boat Launch Building	150,000	154,697	4,697	4,697	0	150,000	
Wolcott	Farm to Mill Trail Connector	1,000,000	1,000,958	0	958	0	1,000,000	
Indian Springs	Backup Internet Fiber Installation	40,000	7,758	0	0	0	7,758	
Huron Meadows	Backup Internet Fiber Installation	80,000	0	0	0	0	0	
		23,379,545	24,830,031	615,307	5,488,222	4,261,107	\$ 15,080,702	\$ 5,690,187



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Major Maintenance Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Major Maintenance report as submitted by Chief of Finance Shedreka Miller and staff.

Background: The Metroparks track the costs associated with periodic or infrequent repairs or maintenance that do not meet the criteria for capitalization in a function of our chart of accounts known as major maintenance. We utilize a project accounting system to budget, record and report these costs. To provide the Board and the broader public with improved information surrounding major maintenance projects we have developed a monthly Major Maintenance Status report.

This report is modeled after the Capital Project Fund report. The format includes the location, project title from the budget document, a brief description of the work, the original budget funding, the current amended budget, year-to-date transactions, life-to-date transactions, life-to-date encumbrance balance, the remaining budget and the project status.

Most major maintenance repairs are completed within one year. Occasionally projects require additional time to complete.

As of the end of April, mostly projects started from last year have finished up. Year-to-date expenses are 4.2 percent of the total major maintenance budget so far this year.

Attachment: April 2022 Major Maintenance Report

**Major Maintenance Status Report
as of 4/30/2022**

Location	Project Title	Project Description	Original Budget	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status
Administrative Office	Interior/Exterior Door Replacement	Replace Doors	-	15,908	17,957	17,957	0	(2,049)	Completed - 4/4/22
Administrative Office	Interior/Exterior Door Replacement	Replace Doors	20,000	0	0	0	0	0	Project brought over with 2021 funds
Lake St Clair	North/South Marina Dock Electrical	Replace electrical conductors that feed the power to the pedestals for boaters at the North Marina rental slips. Current electrical has been damaged due to high water levels	150,000	15,787	495	15,787	0	0	
Lake St Clair	Pool Slide Pump Conduit & Conductor Replacement	Replace pump on pool slide	-	154,723	0	171,122	0	(16,399)	Completed - 2/14/22
Lake St Clair	Fishing Pier Replacements	Donation Funded project	-	179,330	4,202	10,180	169,150	0	Carry Over
Lake St Clair	Beach Soil/Containment Removal	In excess of 50,000 cubic yards of seaweed and other debris have accumulated from beach cleaning	-	50,000	49,250	49,250	0	750	Completed - 1/24/22
Lake St Clair	Boardwalk Re-Surface of Remaining 1,100 ft	Continuation of decking Replacement and Repairs	150,000	990	990	990	0	0	
Lake St Clair	Stormwater Drainage Repairs on Culverts	Replacement of deteriorated culverts throughout the park	45,000	0	0	0	0	0	
Lake St Clair	Culvert Replacemet (CUL-LSC-002, 009, 029)	Replacement of old deteriorated culverts-part of plan	26,191	0	0	0	0	0	
Kensington	Dam Concrete Work	Fix concrete spalling	247,000	3,698	0	3,698	0	0	
Kensington	Restripe roadways/crosswalks parkwide, accessible parking	Replacement of faded pavement markings	25,000	279	279	279	0	0	
Kensington	Repainting of Sprayzone towers and fence (at Martindale)	Painting of steel structures and fencing	100,000	0	0	0	0	0	
Kensington	Island Road repairs	Roadway Edge and Surface Repairs	438,000	399,704	4,639	4,639	0	395,065	In Design
Kensington	Spring Hill Swing Set Replacement	Replacement of old play equipment	30,000	21,525	370	370	0	21,155	
Kensington	Golf Course Pump Control Panels	Emergency repair of pump house control panels due to flooding	-	0	0	0	83,159	(83,159)	
Kensington	Trail Improvement - Martindale north to Shore Fishing	Replaces the existing failing asphalt surface on the bike trail	427,000	0	0	0	0	0	
Kensington	Shore Line Restoration (SLR-KEN-002/003)	Shoreline erosion mitigation	73,000	0	0	0	0	0	
Kensington	Boat Launch Building & Seawall Repairs	Repairs to the steel on the existing seawall	30,000	0	0	0	0	0	
Kensington	Replace culverts (CUL-Ken-041,85,89)	Replacement of old deteriorated culverts	17,000						
Lower Huron	Replacement of Starter Tub-Turtle Cove	Replacement of the starting tub for the Turtle Cove green tube slide. Located at the top of the slide tower, crane needed to assist in replacement.	-	26,490	1,293	9,098	17,392	0	
Lower Huron	Woods Creek Restroom Furnace	Install furnace in restroom closest to new Playground	-	11,265	11,265	11,265	0	0	Complete - 2/3/22
Lower Huron	Turtle Cove UV Light Replacement	Replacement of ultraviolet disinfector for pool	25,000	14,299	0	0	14,299	0	In Progress
Lower Huron	Turtle Cove - Marcite Annual Repairs	General annual surface repairs	15,000	0	0	0	0	0	
Lower Huron	Turtle Cove Splash Pad Resurfacing	Splash area concrete surface coating	30,000	19,750	0	0	19,750	0	
Lower Huron	Rebudget - Turtle Cove VFD Panels Replacement	Control panel variable speed drive controller replacements	35,000	33,170	0	0	0	33,170	
Lower Huron	Lower Huron North End Parkway Resurfacing	Roadway surface repairs	650,000	0	0	0	0	0	
Lower Huron	Lower Huron Drainage/Culvert Replacement CUL LH 564 Camp Dr	Replacement of old deteriorated culverts	12,090	0	0	0	0	0	
Hudson Mills	Golf Starter Building Roof Replacement	Replacement of flat roof section	80,000	1,220	0	1,220	0	0	
Hudson Mills	Golf Course Pump Station Upgrades	Replacement pumps	-	66,000	0	65,000	1,000	0	Open
Hudson Mills	Cart Path Repairs	Asphalt cart path surface repairs	40,000	0	0	0	0	0	
Hudson Mills	Replace Outfalls (SDC-HUD-001, 009, 016) per Storm Mgmt Plan	Replacement of stormwater discharge culvert SDC) outfalls	14,000	0	0	0	0	0	
Stony Creek	Golf Course Culvert Installs for Water Drainage	Cut cart path and install culvert to eliminate wet areas	40,000	27,250	20,250	20,250	7,000	0	Open

**Major Maintenance Status Report
as of 4/30/2022**

Location	Project Title	Project Description	Original Budget	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status
Stony Creek	Pavement Markings	Address worst portions of trail and roadway	-	18,950	0	15,010	3,940	0	Open
Stony Creek	Restriping of park roads, hike-bike paths & crosswalks	Restriping of pavement markings	35,000	0	0	0	0	0	
Stony Creek	Small Well Replacement	New well and controller for supplemental water well	30,000	305	305	305	0	0	
Stony Creek	Stormwater Drainage Repairs on Culverts	Replacement of deteriorated culverts	50,000	0	0	0	0	0	
Willow	Hike Bike Trail Reconstruction-Oakwoods Connector to Chestnut Rd	Hike bike trail resurface and correct drainage issue between Oakwoods and Willow Metroparks.	-	157,331	16,353	151,262	0	6,069	Completed - 2/1/22
Willow	Hike Bike Trail CSX Crossing Accessibility Improvements	Trail Improvements	-	1,616	1,616	1,616	0	0	
Willow	Willow Woods creek Trailhead Relocation	Installation of new trailhead signage	15,000	0	0	0	0	0	
Lake Erie	Marina Building Use Evaluation	Marina Building Use Evaluation	-	30,000	0	20,500	7,500	2,000	Carry Over
Lake Erie	Boat Launch Sanitary Updates	Replacement of nonfunctioning sewer line and pumps	-	102	0	102	0	0	Carry Over
Lake Erie	Dredge Marina Channel and Relocate Spoils pile	Dredging and moving of previous spoils piles	150,000	5,441	9,011	12,048	3,352	(9,959)	In Design
Lake Erie	Marcite Repair at Shallow End of Wave Pool	Total replacement of the Wave pool shallow end marcite; roughly 12,500 sq ft.	-	388,918	0	67,067	321,852	(0)	Carry Over
Lake Erie	Wave Pool Plaza Cement Work	Various sections of cement around wave pool plaza; to include a section of the hike bike path behind pool mechanical building.	-	74,866	1,703	16,938	54,058	3,870	Carry Over
Lake Erie	Museum Wall Repair	Repair of leaning pation retaining wall	100,000	1,695	1,695	1,695	0	(0)	
Lake Erie	Golf Maintenance Building Repairs	Repair/replace a wall, window and exterior siding of the Lake Erie golf course maintenance building.	-	14,650	0	0	23,350	(8,700)	Carry Over
Lake Erie	Marina Boiler Vent Stack Repair	Repair of existing heating vent stack on the marina building	-	23,906	0	15,000	8,906	0	Carry Over
Lake Erie	Nature trail boardwalk repairs of Northern Trapper run	Repalcement of deteriorated wooded boardwalk	35,000	0	0	0	0	0	
Lake Erie	Replace electric wiring at Marina boat docks	Upgrade existing wiring to marina pedestals	50,000	0	0	0	0	0	
Lake Erie	SWMP Projects-Drainage/Culvert Replacement-LE036, 005, 006, 015	Replacement of deteriorated culverts	16,354	0	0	0	0	0	
Wolcott	Fill in Raceway at Mill	Project to look at filling in the raceway beneath the Mill	-	80,000	0	0	0	80,000	Carry Over
Wolcott	Door Replacement for Dairy Barn	Replace deteriorated doors	37,800	44,134	6,334	6,334	0	37,800	
Indian Springs	Dome Polishing & Seal Replacement. Carpet Replacement	Polishing and resealing of the interior and exterior surface of the underwater dome	-	271,873	2,347	265,728	1,158	4,988	Open
Indian Springs	Steel Beam Repair	Steel Beem at Repair at Golf Course	-	11,700	11,700	11,700	0	0	Completed - 2/14/22
Indian Springs	Pumphouse Upgrades at Golf Course	Pumps house replacement of pump, valves, and controls	431,000	0	0	0	0	0	
Indian Springs	Replace Irrigation Head control system at Golf Course	Replacement of irrigation head control system	85,000	0	0	0	0	0	
Indian Springs	Replace Culverts (CUL-IND-22,29,34)	Repalce deteriorated culverts	16,000	0	0	0	0	0	
Huron Meadows	Golf Starter Building Roof Replacement	Replacement of the existing shingle roof on the starter building	75,000	25,653	76	25,653	0	0	Carry over
			<u>\$ 3,845,435</u>	<u>\$ 2,192,530</u>	<u>\$ 162,344</u>	<u>\$ 992,065</u>	<u>\$ 735,864</u>	<u>\$ 464,600</u>	



To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Update – Purchases over \$10,000
Date: May 6, 2022

Action Requested: Receive and File

That the Board of Commissioners receive and file the update for purchases over \$10,000, up to, and including \$25,000 as submitted by Director Amy McMillan and staff.

Background: On May 9, 2013, the Board approved the updated financial policy requiring the Director to notify the Board of purchases exceeding \$10,000, up to, and including \$25,000.

The following list contains purchases exceeding the \$10,000 threshold:

<u>Vendor</u>	<u>Description</u>	<u>Price</u>
1. Access Interactive LLC	Security Awareness Training	\$10,219



To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Purchases – Total Spent and Vendor Locations
Date: May 6, 2022

Action Requested: Receive and File

That the Board of Commissioners receive and file the update for total spent and vendor locations as submitted by Director Amy McMillan and staff.

Background: Each month the Purchasing Department summarizes the total amount spent on capital equipment purchases, major maintenance, and park projects and includes the location of vendors, either within or outside the Metroparks five-county region as well as the effect of DEI, living wage, and the Metroparks local preference policy.

Attachment: Award Requests

Award Requests for May 2022

Vendor	Vendor Location	Description	Park Location	Total Request	Five-County	Greater Michigan	Outside Michigan	Effect of DEI, Living Wage, and Local Preference Policies
Graph-X	Plymouth	2023 Annual Passes	All locations	\$31,788.60	\$31,788.60			
Carleton Equipment	Brighton	Bobcat Skid Steer	Kensington Metropark	\$81,061.19	\$81,061.19			
Totals:				\$112,849.79	\$ 112,849.79	\$ -	\$ -	
Percent of Total Award Request:					100.00%	0.00%	0.00%	



To: Board of Commissioners
From: Travis Grubb, Senior Buyer
Project No: ITB 2022-014
Project Title: Purchase – Bobcat Skid Steer
Location: Kensington Metropark
Date: May 6, 2022

Action Requested: Motion to Approve

That the Board of Commissioners approve the purchase of a new Bobcat Skid Steer with attachments for \$81,061.19 from Carleton Equipment of Brighton, Michigan, the lowest responsive and responsible bidder as recommended by Senior Buyer Travis Grubb and staff.

The proposed equipment will replace HCMA’s existing skid steer (a 2007 Bobcat S220 Skid Steer – unit 150), which is 15 years old and beyond its useful life.

Fiscal Impact: Funds will come from the Board approved 2022 Capital Equipment budget, which allowed \$95,000 for the purchase of the equipment. The purchase will total \$81,061.19; a difference of \$13,938.81 in favor of the budget.

Scope of Work: Furnish and deliver one new Bobcat S76 Skid Steer with attachments.

Background: The proposed purchase was competitively bid and posted on the Michigan Intergovernmental Trade Network’s website, which provided notice of the solicitation to 80 vendors. Of the 80 notified vendors, 23 downloaded the ITB documents and four submitted bids.

<u>Vendor</u>	<u>Location</u>	<u>Price</u>
Carleton Equipment <i>Offering Bobcat Equipment</i>	Brighton, MI	\$81,061.19*
Burnips <i>Offering New Holland Equipment</i>	Dorr, MI	\$87,836.59
Michigan CAT <i>Offering Caterpillar Equipment</i>	Brownstown, MI	\$92,166.65
DECIMA <i>Offering Caterpillar Equipment</i>	Detriot, MI	\$152,924.75

(* Indicates recommended award)



To: Board of Commissioners
From: Travis Grubb, Senior Buyer
Project No: ITB 2022-014
Project Title: Purchase – 2023 Annual Permits
Date: May 6, 2022

Action Requested: Motion to Approve

That the Board of Commissioners approve the purchase of 2023 annual passes for \$31,788.60 from Graph-X of Plymouth, Michigan, the lowest responsive and responsible bidder as recommended by Senior Buyer Travis Grubb and staff.

Fiscal Impact: Funds will come from the Board approved 2022 budget, which allowed \$32,661 for the purchase. The purchase will total \$31,788.60; a difference of \$872.40 in favor of the budget.

Scope of Work: Furnish and deliver the following styles of annual passes by October 1, 2022:

- 230,000 vehicle annual passes
- 6,800 boat annual passes
- 7,600 vehicle/boat combo annual passes
- 3,900 vehicle/boat employee combo annual passes
- 5,500 HCMA-Oakland County combo annual passes

Background: The proposed purchase was competitively bid and posted on the Michigan Intergovernmental Trade Network’s website, which provided notice of the solicitation to 121 vendors. Of the 121 notified vendors, 21 downloaded the ITB documents and three submitted bids.

<u>Vendor</u>	<u>Location</u>	<u>Price</u>
Graph-X <ul style="list-style-type: none"> • <i>Samples submitted with bid meet minimum specifications and shipping is included in the bid price as specified</i> 	Plymouth, MI	\$31,788.60*
Acuform Printing <ul style="list-style-type: none"> • <i>Samples submitted with bid did not meet minimum specifications</i> 	Detroit, MI	\$7,998.85
ID Enterprises <ul style="list-style-type: none"> • <i>Samples submitted with bid did not meet minimum specifications and shipping was not included in the bid price</i> 	Farmington Hills	\$24,863.99

(* Indicates recommended award)



To: Board of Commissioners
From: Jay Bibby, Interim Chief of Planning and Development
Project Title: 2022 Community Needs Assessment Findings Report
Date: May 2, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the HCMA regional survey report as recommended by the Interim Chief of Planning and Development Jay Bibby and staff.

Fiscal Impact: The regional survey report is included in the scope of work budgeted in 2022 for professional survey services totaling \$72,500.

Background: The ETC Institute is assisting Metroparks staff conduct a regional survey. For this scope of the project, the ETC Institute provided a 2022 Community Needs Assessment Report.

ETC Institute continues to process and analyze the surveys and will present their initial findings to the Board at the May meeting.

**Attachment: Community Needs Assessment Report
Crosstabular Data by Counties and city of Detroit
Comments from Open Ended Questions**



2022 COMMUNITY NEEDS ASSESSMENT Findings Report

Prepared By
ETC INSTITUTE
OLATHE, KANSAS

Presented To The
HURON-CLINTON
METROPARKS
OF BRIGHTON, MICHIGAN

APRIL 2022

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Section 1: Executive Summary

Huron-Clinton Metroparks Community Needs Assessment Survey

Purpose

ETC Institute administered a needs assessment survey for Huron-Clinton Metroparks (HCMA) during the Spring of 2022. The survey was administered as part of Metroparks' efforts to establish and priorities improvements to the parks system, which included 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties. The survey and its results will guide HCMA in taking a resident-driven approach to making decisions that will enrich the future of the community and positively affect the lives of all residents in southeast Michigan.

Methodology

ETC Institute mailed a survey packet to a random sample of households in Livingston County, Macomb County, Oakland County, Washtenaw County, Wayne County (outside the City of Detroit), and the City of Detroit. Each survey packet contained a cover letter, a copy of the survey, and a postage-paid return envelope. Residents who received the survey were given the option of returning the survey by mail or completing it online at HCMASurvey.org.

After households received the mailed survey, ETC Institute sent emails and text messages to encourage participation. The emails and texts contained a link to the online version of the survey to make it easy for residents to complete the survey. To prevent people who were not residents of one of the five counties that HCMA serves from participating, everyone who completed the survey online was required to enter their home address prior to submitting the survey. ETC Institute then matched the addresses that were entered online with the addresses that were originally selected for the random sample. If the address from a survey completed online did not match one of the addresses selected for the sample, the online survey was not counted.

The goal was to obtain a total of 2,400 completed surveys, including at least 400 surveys from households in each of the following six sampling areas: Livingston County, Macomb County, Oakland County, Washtenaw County, Wayne County (outside the City of Detroit), and the City of Detroit. This goal was far exceeded, with a total of 2,899 households completing the survey, including over 400 surveys in each of the six sampling areas. The overall results for the sample of 2,899 households has a precision of at least $\pm 1.8\%$ at the 95% level of confidence.

The table below shows the number of completed surveys collected in each of the six sampling areas. The table also shows the margin of error at the 95% level of confidence for each area.

Location	Completed Surveys	% Precision
<i>Livingston County</i>	479	±4.5%
<i>Macomb County</i>	511	±4.3%
<i>Oakland County</i>	583	±4.1%
<i>Washtenaw County</i>	514	±4.3%
<i>Wayne County (Outside Detroit)</i>	407	±4.9%
<i>City of Detroit</i>	405	±4.9%
Total	2,899	±1.8%

Table 1: Number of Completed Surveys in Each of the Five Counties and City of Detroit with the Margin of Error at the 95% Level of Confidence

The results presented in this report have been weighted to represent each sampling area's share of the population of the Huron-Clinton Metroparks service area. The weighted results give more weight to the responses from the larger sampling areas, including Macomb County, Oakland County, Wayne County (outside Detroit), and the City of Detroit, and similarly gives less weight to the responses of the smaller sampling areas, including Livingston County and Washtenaw County.

Crosstabular data showing the unweighted results for each of the six sampling areas has been provided as a separate appendix.

This report contains the following:

- Charts showing the overall results of the survey
- Priority Investment Rating (PIR) that identifies the priorities for facilities and programs for the entire HCMA service area
- Priority Investment Rating (PIR) that identifies the priorities for facilities and programs for each of the six sampling areas
- Benchmarking analysis comparing Metroparks' results to national results
- Tabular data showing the overall results for all questions on the survey
- A copy of the survey instrument

Key survey findings are shown on the following pages.

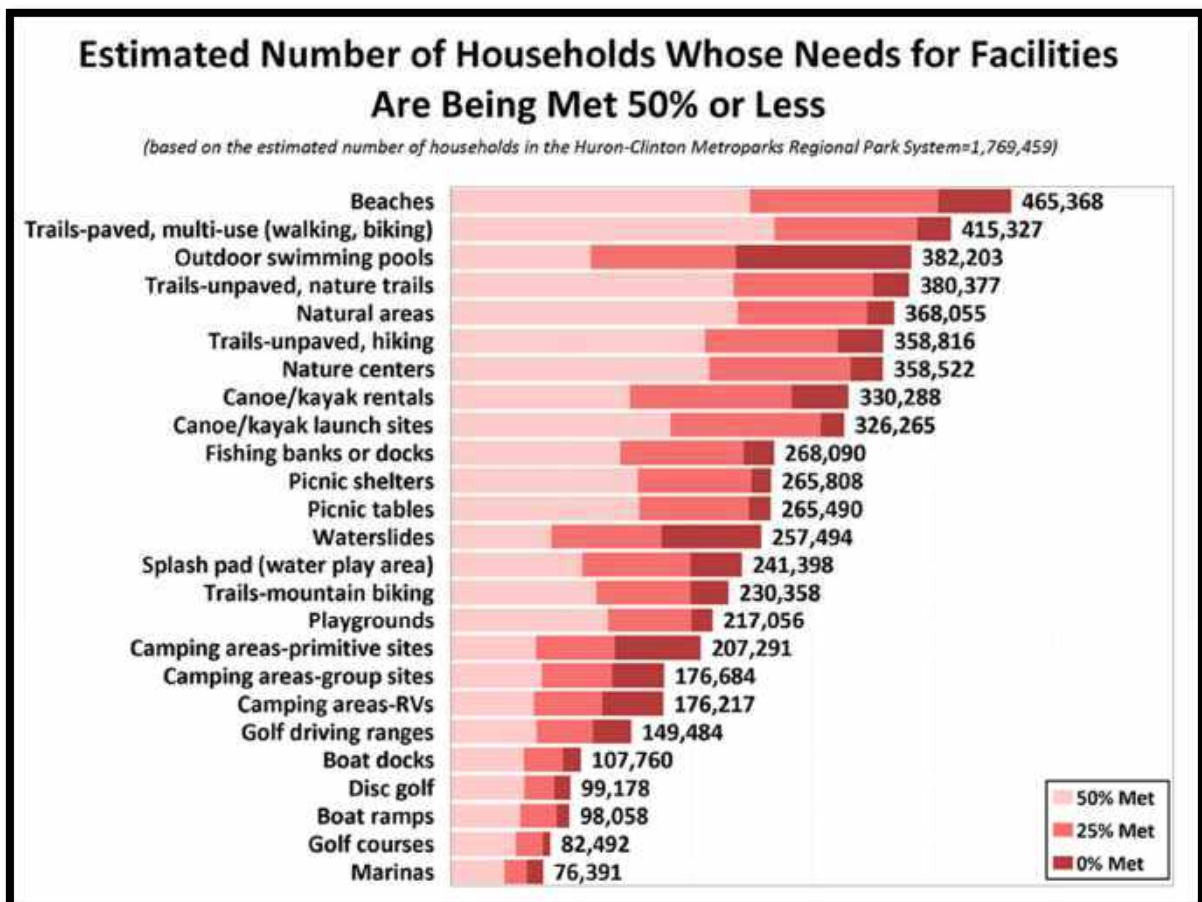
Parks & Recreation Facility Needs in the Huron-Clinton Metroparks Service Area

Households were asked to identify if they had a need for 25 facilities and rate how well their needs for each were currently being met. Based on this analysis, ETC Institute was able to estimate the number of households in the HCMA service area that had the greatest “unmet” need for various parks and recreation facilities. The four facilities with the highest percentage of households whose needs are currently not being met (0%), somewhat met (25%), or partly met (50%) are listed below.

- Beaches – 465,368 households (26.3%)
- Paved multi-use trails for walking and biking – 415,327 households (23.5%)
- Outdoor swimming pools – 382,203 households (21.6%)
- Unpaved trails, nature trails – 368,055 households (21.5%)

The estimated number of households that have unmet needs for each of the 25 facilities are shown in the graph below.

Figure 1: Estimated Number of Households in the HCMA Service Area with Unmet Parks & Recreation Facility Needs



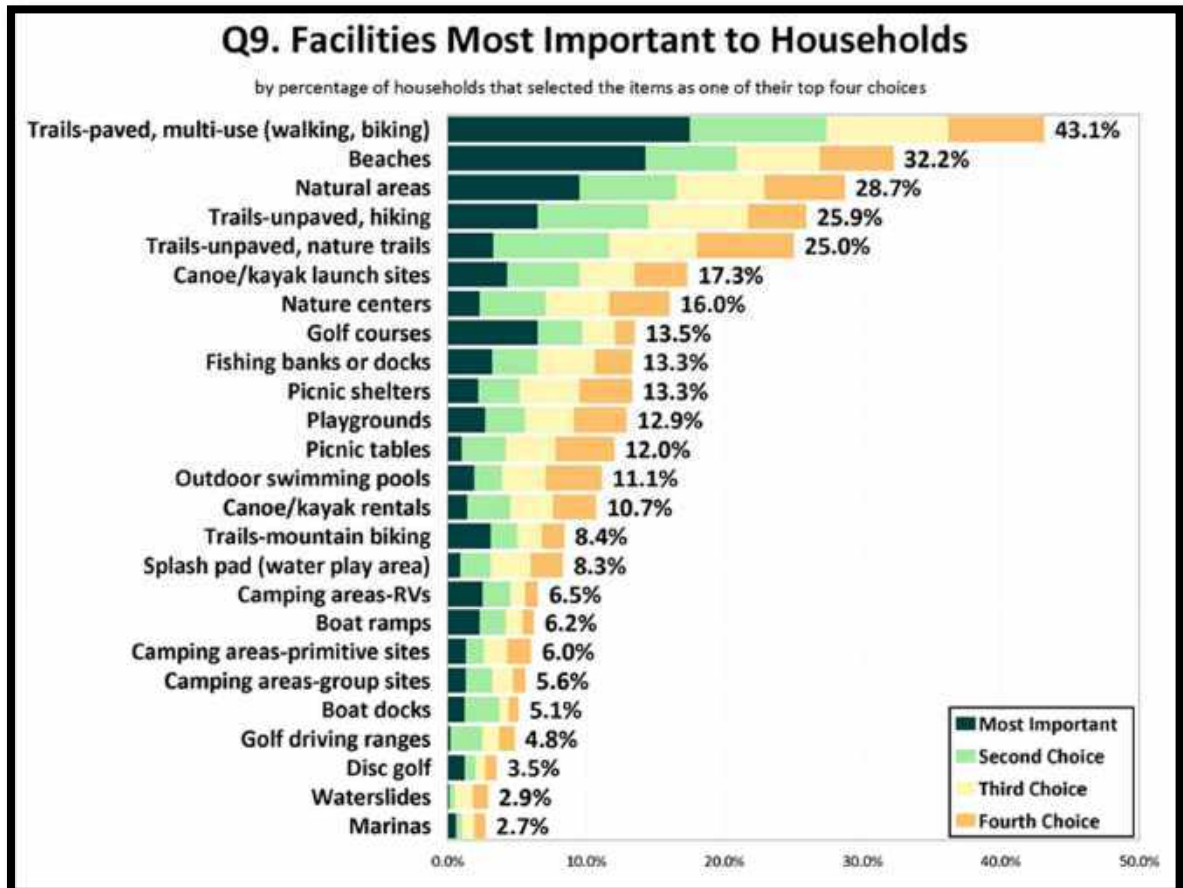
Importance of Parks & Recreation Facilities in the Huron-Clinton Metroparks Service Area

In addition to assessing the needs for each facility, ETC Institute also evaluated the importance that households placed on each one. Based on the sum of households' top four choices, the five most important Parks and Recreation facilities to households are listed below.

- Paved multi-use trails for walking and biking (43.1%)
- Beaches (32.2%)
- Natural areas (28.7%)
- Unpaved trails for hiking (25.9%)
- Unpaved trails, nature trails (25.0%)

The percentage of households that selected each facility as one of their top four choices is shown in the graph below.

Figure 2: Level of Importance of Parks & Recreation Facilities to Households in the HCMA Service Area



Priorities for Parks & Recreation Facility Investments in the Huron-Clinton Metroparks Service Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each facility/amenity/activity/program
- how many households have unmet needs for the facility/amenity/activity/program

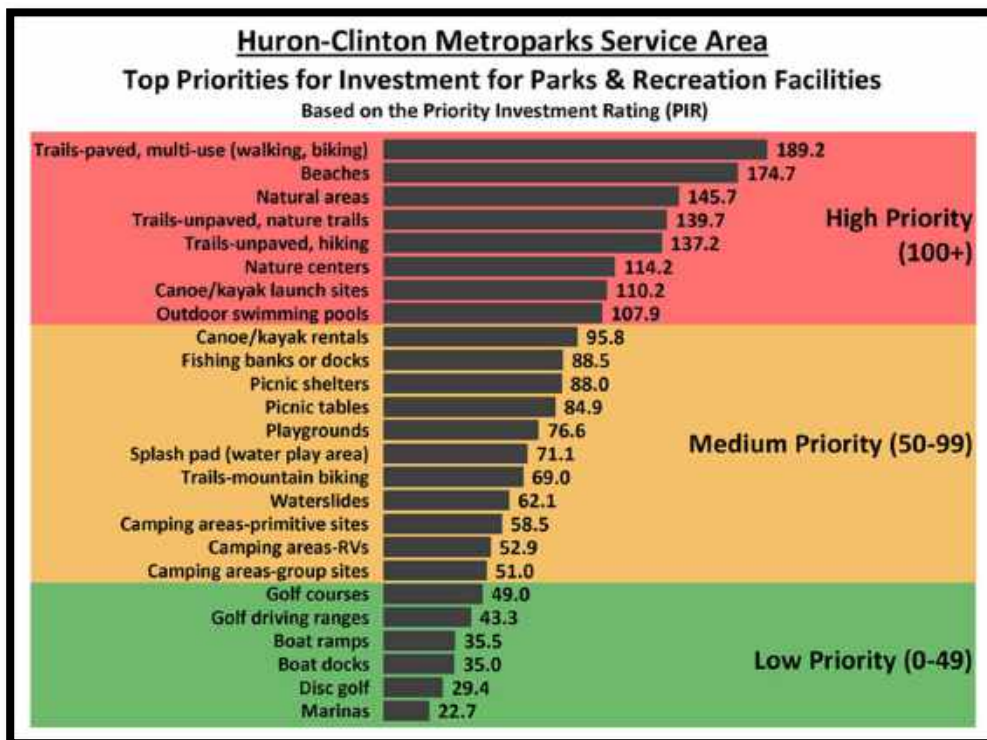
Details regarding the methodology for this analysis are provided in Section 4 of this report. Based on the Priority Investment Rating (PIR), the eight facilities that were rated as high priorities for investment are listed in the table to the right (Table 2).

The Priority Investment Ratings for each park and recreation facility is shown in the graph below.

Facility	Priority Investment Rating (PIR)
<i>Trails-paved, multi-use (walking, biking)</i>	189.2
<i>Beaches</i>	174.7
<i>Natural areas</i>	145.7
<i>Trails-unpaved, nature trails</i>	139.7
<i>Trails-unpaved, hiking</i>	137.2
<i>Nature centers</i>	114.2
<i>Canoe/kayak launch sites</i>	110.2
<i>Outdoor swimming pools</i>	107.9

Table 2: Facilities Considered High Priorities of Investment Based on Priority Investment Rating (PIR)

Figure 3: Priority Investment Rating for Parks & Recreation Facilities in the HCMA Service Area



Priority Investment Ratings (PIR) by the Five Counties and City of Detroit Located in the Huron-Clinton Metroparks System

Livingston County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Livingston County households. The following seven facilities were rated as high priorities for investment:

- Paved multi-use trails for walking and biking
- Beaches
- Natural areas
- Canoe/kayak launch sites
- Unpaved trails for hiking
- Unpaved trails, nature trails
- Outdoor swimming pools

Facility	PIR	
<i>Trails-paved, multi-use (walking, biking)</i>	190.2	} High Priority (PIR=100-200)
<i>Beaches</i>	157.5	
<i>Natural areas</i>	150.2	
<i>Canoe/kayak launch sites</i>	148.1	
<i>Trails-unpaved, hiking</i>	132.3	
<i>Trails-unpaved, nature trails</i>	128.4	
<i>Outdoor swimming pools</i>	118.9	
<i>Nature centers</i>	99.7	} Medium Priority (PIR=50-99)
<i>Playgrounds</i>	90.7	
<i>Canoe/kayak rentals</i>	86.0	
<i>Fishing banks or docks</i>	82.4	
<i>Camping areas-RVs</i>	81.3	
<i>Trails-mountain biking</i>	73.1	
<i>Picnic shelters</i>	71.2	
<i>Picnic tables</i>	69.2	
<i>Waterslides</i>	68.4	
<i>Splash pad (water play area)</i>	66.2	
<i>Golf driving ranges</i>	63.8	
<i>Boat ramps</i>	60.2	
<i>Golf courses</i>	57.5	
<i>Camping areas-primitive sites</i>	52.7	
<i>Camping areas-group sites</i>	47.2	
<i>Boat docks</i>	46.8	
<i>Disc golf</i>	36.8	
<i>Marinas</i>	23.3	

Table 3: PIR Ratings for Parks & Recreation Facilities in Livingston County, MI

Macomb County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Macomb County households. The following eight facilities were rated as high priorities for investment:

- Beaches
- Paved multi-use trails for walking and biking
- Unpaved trails, nature trails
- Natural areas
- Unpaved trails for hiking
- Outdoor swimming pools
- Canoe/kayak launch sites
- Nature centers

Facility	PIR	
<i>Beaches</i>	181.5	High Priority (PIR=100-200)
<i>Trails-paved, multi-use (walking, biking)</i>	180.6	
<i>Trails-unpaved, nature trails</i>	138.1	
<i>Natural areas</i>	128.1	
<i>Trails-unpaved, hiking</i>	125.2	
<i>Outdoor swimming pools</i>	116.3	
<i>Canoe/kayak launch sites</i>	111.7	
<i>Nature centers</i>	107.2	
<i>Fishing banks or docks</i>	98.0	Medium Priority (PIR=50-99)
<i>Canoe/kayak rentals</i>	96.4	
<i>Picnic tables</i>	82.2	
<i>Playgrounds</i>	81.0	
<i>Picnic shelters</i>	80.1	
<i>Camping areas-RVs</i>	70.6	
<i>Splash pad (water play area)</i>	67.7	
<i>Waterslides</i>	66.1	
<i>Trails-mountain biking</i>	62.9	
<i>Camping areas-primitive sites</i>	58.3	
<i>Camping areas-group sites</i>	57.7	Low Priority (PIR=0-49)
<i>Golf courses</i>	52.9	
<i>Golf driving ranges</i>	46.5	
<i>Boat docks</i>	37.5	
<i>Boat ramps</i>	37.2	
<i>Marinas</i>	29.6	
<i>Disc golf</i>	28.0	

Table 4: PIR Ratings for Parks & Recreation Facilities in Macomb County, MI

Oakland County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Oakland County households. The following seven facilities were rated as high priorities for investment:

- Paved multi-use trails for walking and biking
- Unpaved trails for hiking
- Beaches
- Natural areas
- Unpaved trails, nature trails
- Canoe/kayak launch sites
- Nature centers

Facility	PIR	
<i>Trails-paved, multi-use (walking, biking)</i>	200.0	High Priority (PIR=100-200)
<i>Trails-unpaved, hiking</i>	152.9	
<i>Beaches</i>	143.9	
<i>Natural areas</i>	142.0	
<i>Trails-unpaved, nature trails</i>	139.0	
<i>Canoe/kayak launch sites</i>	109.1	
<i>Nature centers</i>	102.5	
<i>Outdoor swimming pools</i>	96.6	Medium Priority (PIR=50-99)
<i>Canoe/kayak rentals</i>	89.0	
<i>Trails-mountain biking</i>	83.2	
<i>Picnic shelters</i>	70.0	
<i>Picnic tables</i>	69.9	
<i>Fishing banks or docks</i>	68.2	
<i>Playgrounds</i>	62.8	
<i>Waterslides</i>	58.7	Low Priority (PIR=0-49)
<i>Splash pad (water play area)</i>	49.5	
<i>Camping areas-primitive sites</i>	48.4	
<i>Golf courses</i>	45.4	
<i>Camping areas-RVs</i>	43.4	
<i>Golf driving ranges</i>	42.7	
<i>Camping areas-group sites</i>	39.2	
<i>Boat docks</i>	30.8	
<i>Boat ramps</i>	29.2	
<i>Disc golf</i>	28.1	
<i>Marinas</i>	20.0	

Table 5: PIR Ratings for Parks & Recreation Facilities in Oakland County, MI

Washtenaw County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Washtenaw County households. The following six facilities were rated as high priorities for investment:

- Paved multi-use trails for walking and biking
- Unpaved trails, nature trails
- Unpaved trails for hiking
- Beaches
- Natural areas
- Canoe/kayak launch sites

Facility	PIR	
<i>Trails-paved, multi-use (walking, biking)</i>	175.5	} High Priority (PIR=100-200)
<i>Trails-unpaved, nature trails</i>	159.1	
<i>Trails-unpaved, hiking</i>	155.7	
<i>Beaches</i>	147.4	
<i>Natural areas</i>	137.7	
<i>Canoe/kayak launch sites</i>	105.8	
<i>Outdoor swimming pools</i>	97.5	} Medium Priority (PIR=50-99)
<i>Nature centers</i>	92.4	
<i>Canoe/kayak rentals</i>	76.2	
<i>Fishing banks or docks</i>	69.3	
<i>Camping areas-primitive sites</i>	62.0	
<i>Picnic tables</i>	59.3	
<i>Trails-mountain biking</i>	55.8	} Low Priority (PIR=0-49)
<i>Picnic shelters</i>	53.1	
<i>Playgrounds</i>	46.6	
<i>Splash pad (water play area)</i>	42.1	
<i>Waterslides</i>	41.8	
<i>Golf driving ranges</i>	41.2	
<i>Camping areas-RVs</i>	41.2	
<i>Boat ramps</i>	37.8	
<i>Camping areas-group sites</i>	37.8	
<i>Golf courses</i>	34.9	
<i>Disc golf</i>	22.0	
<i>Boat docks</i>	21.0	
<i>Marinas</i>	10.0	

Table 6: PIR Ratings for Parks & Recreation facilities in Washtenaw County, MI

Wayne County (Outside of Detroit)

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Wayne County (outside of Detroit) households. The following nine facilities were rated as high priorities for investment:

- Beaches
- Picnic shelters
- Paved multi-use trails for walking and biking
- Playgrounds
- Natural areas
- Picnic tables
- Outdoor swimming pools
- Nature centers
- Unpaved trails, nature trails

Facility	PIR	
<i>Beaches</i>	195.3	High Priority (PIR=100-200)
<i>Picnic shelters</i>	176.4	
<i>Trails-paved, multi-use (walking, biking)</i>	165.2	
<i>Playgrounds</i>	150.8	
<i>Natural areas</i>	147.2	
<i>Picnic tables</i>	144.1	
<i>Outdoor swimming pools</i>	132.0	
<i>Nature centers</i>	121.8	
<i>Trails-unpaved, nature trails</i>	107.4	
<i>Fishing banks or docks</i>	94.6	
<i>Trails-unpaved, hiking</i>	90.2	
<i>Splash pad (water play area)</i>	85.4	
<i>Canoe/kayak rentals</i>	79.9	
<i>Waterslides</i>	77.3	
<i>Canoe/kayak launch sites</i>	76.3	
<i>Camping areas-group sites</i>	61.2	Low Priority (PIR=0-49)
<i>Trails-mountain biking</i>	52.8	
<i>Camping areas-primitive sites</i>	49.2	
<i>Camping areas-RVs</i>	42.6	
<i>Golf driving ranges</i>	42.0	
<i>Golf courses</i>	36.7	
<i>Boat ramps</i>	36.3	
<i>Boat docks</i>	33.8	
<i>Disc golf</i>	25.2	
<i>Marinas</i>	22.6	

Table 7: PIR Ratings for Parks & Recreation Facilities in Wayne County, MI (outside of Detroit)

City of Detroit

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from households in the City of Detroit. The following eight facilities were rated as high priorities for investment:

- Beaches
- Paved multi-use trails for walking and biking
- Unpaved trails, nature trails
- Natural areas
- Unpaved trails for hiking
- Nature centers
- Canoe/kayak launch sites
- Canoe/kayak rentals

Facility	PIR	
<i>Beaches</i>	185.5	High Priority (PIR=100-200)
<i>Trails-paved, multi-use (walking, biking)</i>	179.1	
<i>Trails-unpaved, nature trails</i>	149.2	
<i>Natural areas</i>	147.7	
<i>Trails-unpaved, hiking</i>	143.5	
<i>Nature centers</i>	121.1	
<i>Canoe/kayak launch sites</i>	114.6	
<i>Canoe/kayak rentals</i>	106.0	
<i>Fishing banks or docks</i>	96.2	Medium Priority (PIR=50-99)
<i>Outdoor swimming pools</i>	95.4	
<i>Picnic tables</i>	75.6	
<i>Picnic shelters</i>	70.8	
<i>Trails-mountain biking</i>	63.6	
<i>Camping areas-primitive sites</i>	61.5	
<i>Splash pad (water play area)</i>	61.3	
<i>Camping areas-RVs</i>	57.3	
<i>Playgrounds</i>	54.8	Low Priority (PIR=0-49)
<i>Golf courses</i>	53.4	
<i>Waterslides</i>	53.2	
<i>Camping areas-group sites</i>	49.1	
<i>Boat ramps</i>	41.3	
<i>Boat docks</i>	37.6	
<i>Golf driving ranges</i>	35.0	
<i>Disc golf</i>	29.2	
<i>Marinas</i>	22.1	

Table 8: PIR Ratings for Parks & Recreation Facilities in the City of Detroit

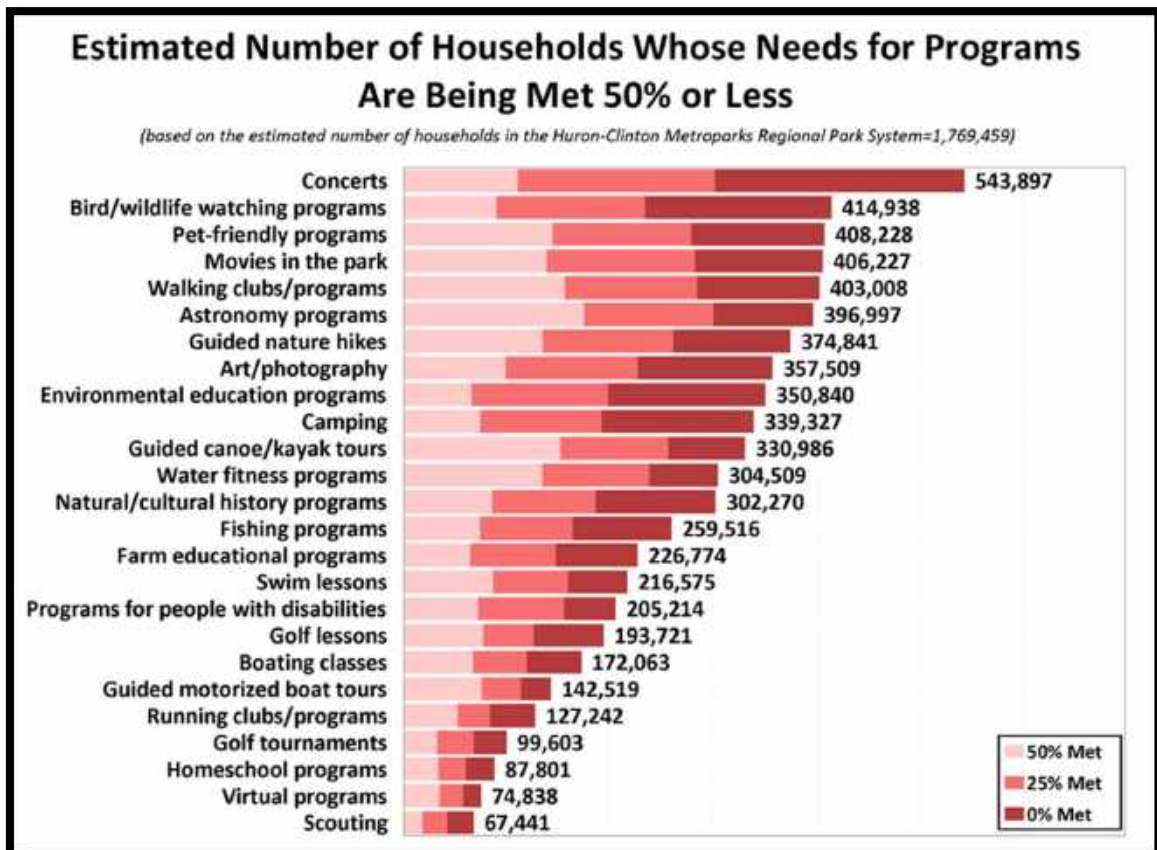
Parks & Recreation Program Needs in the Huron-Clinton Metroparks Service Area

Households were asked to identify if they had a need for 25 programs and rate how well their needs for each were currently being met. Based on this analysis, ETC Institute was able to estimate the number of households in the HCMA service area that had the greatest “unmet” need for various parks and recreation programs. The four programs with the highest percentage of households whose needs are currently not being met (0%), somewhat met (25%), or partly met (50%) are listed below.

- Concerts – 543,896 households (30.7%)
- Bird/wildlife watching programs – 414,938 households (23.5%)
- Pet-friendly programs – 408,228 households (23.1%)
- Movies in the park – 406,227 households (23.0%)

The estimated number of households that have unmet needs for each of the 25 programs are shown in the graph below.

Figure 4: Estimated Number of Households Whose Needs for Programs Are Being 50% Met or Less



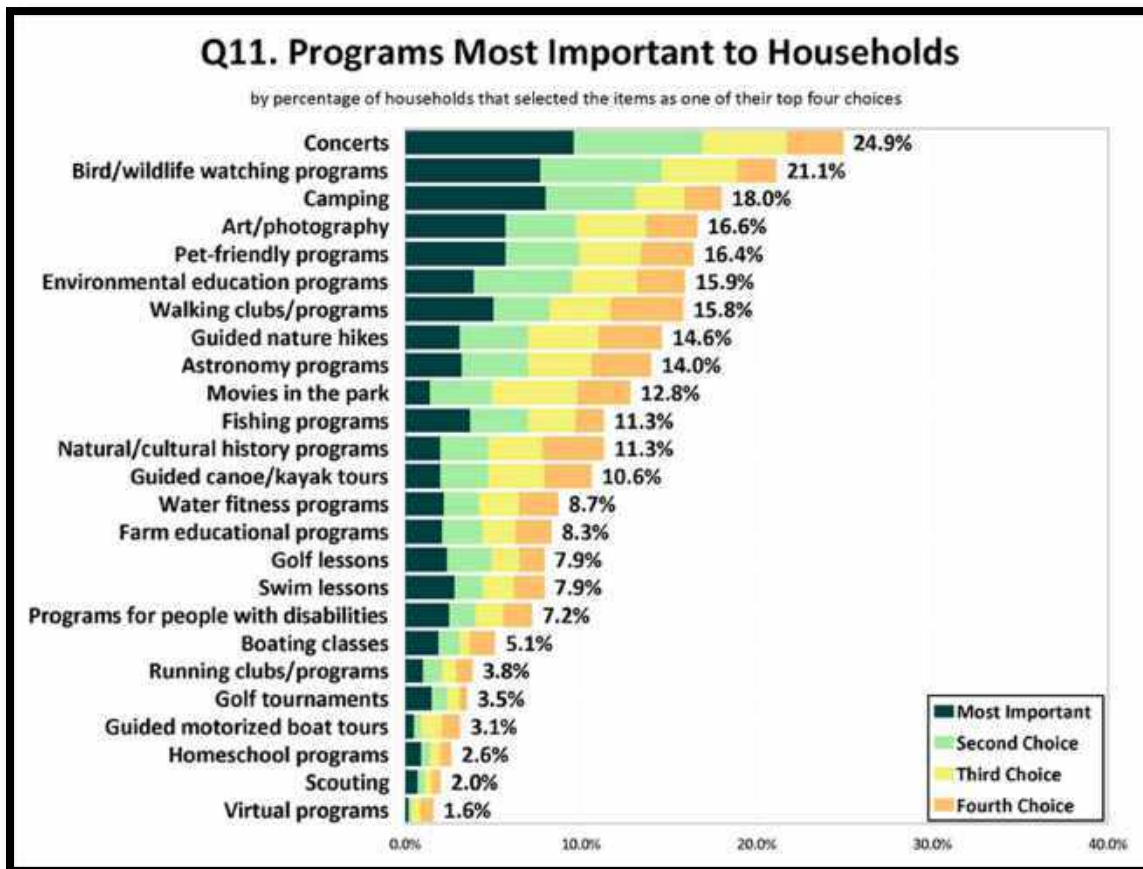
Importance of Parks & Recreation Programs in the Huron-Clinton Metroparks Service Area

In addition to assessing the needs for each program, ETC Institute also evaluated the importance that households placed on each one. Based on the sum of households' top four choices, the five most important Parks and Recreation programs to households are listed below.

- Concerts (24.9%)
- Bird/wildlife watching programs (21.1%)
- Camping (18.0%)
- Art/photography (16.6%)
- Pet-friendly programs (16.4%)

The percentage of households that selected each facility as one of their top four choices is shown in the graph below.

Figure 5: Percentage of Households That Chose the Parks & Recreation Program as One of Their Top Four Most Important Choices



Priorities for Parks & Recreation Program Investments in the Huron-Clinton Metroparks Service Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each facility/amenity/activity/program
- how many households have unmet needs for the facility/amenity/activity/program

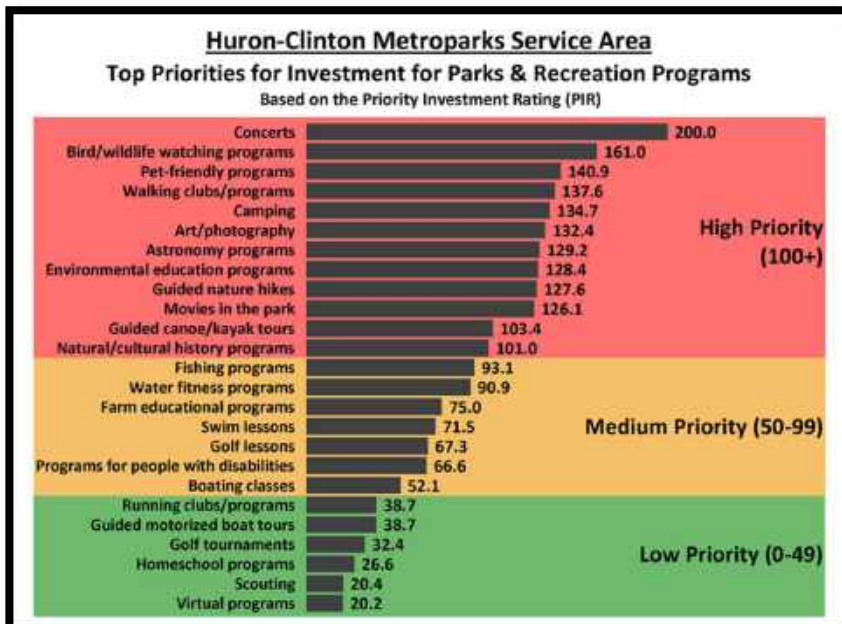
Details regarding the methodology for this analysis are provided in Section 4 of this report. Based on the Priority Investment Rating (PIR), the 12 programs that were rated as high priorities for investment are listed in the table to the right (Table 9).

The Priority Investment Ratings for each park and recreation facility is shown in the graph below.

Program	Priority Investment Rating (PIR)
Concerts	200.0
Bird/wildlife watching programs	161.0
Pet-friendly programs	140.9
Walking clubs/programs	137.6
Camping	134.7
Art/photography	132.4
Astronomy programs	129.2
Environmental education programs	128.4
Guided nature hikes	127.6
Movies in the park	126.1
Guided canoe/kayak tours	103.4
Natural/cultural history programs	101.0

Table 9: Facilities Considered High Priorities of Investment Based on Priority Investment Rating (PIR)

Figure 6: Priority Investment Rating for Parks & Recreation Programs in the HCMA Service Area



Priority Investment Ratings (PIR) by the Five Counties and City of Detroit Located in the Huron-Clinton Metroparks System

Livingston County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Livingston County households. The following eight programs were rated as high priorities for investment:

- Concerts
- Bird/wildlife watching programs
- Pet-friendly programs
- Camping
- Movies in the park
- Walking clubs/programs
- Astronomy programs
- Environmental education programs

Program	PIR	
Concerts	200.0	High Priority (PIR=100-200)
Bird/wildlife watching programs	148.1	
Pet-friendly programs	128.4	
Camping	124.6	
Movies in the park	124.2	
Walking clubs/programs	117.3	
Astronomy programs	114.6	
Environmental education programs	104.6	
Guided nature hikes	94.2	Medium Priority (PIR=50-99)
Art/photography	91.5	
Guided canoe/kayak tours	81.8	
Natural/cultural history programs	74.1	
Fishing programs	73.6	
Farm educational programs	73.2	
Golf lessons	70.5	
Water fitness programs	61.6	
Swim lessons	53.8	Low Priority (PIR=0-49)
Programs for people with disabilities	43.8	
Boating classes	41.0	
Running clubs/programs	39.6	
Golf tournaments	34.1	
Guided motorized boat tours	30.6	
Scouting	22.8	
Homeschool programs	22.1	
Virtual programs	13.5	

Table 10: PIR Ratings for Parks & Recreation Programs in Livingston County, MI

Macomb County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Macomb County households. The following eight programs were rated as high priorities for investment:

- Concerts
- Movies in the park
- Bird/wildlife watching programs
- Camping
- Pet-friendly programs
- Walking clubs/programs
- Guided nature hikes
- Art/photography

Program	PIR	
Concerts	200.0	High Priority (PIR=100-200)
Movies in the park	141.6	
Bird/wildlife watching programs	136.3	
Camping	136.2	
Pet-friendly programs	135.4	
Walking clubs/programs	128.6	
Guided nature hikes	115.2	
Art/photography	111.2	
Astronomy programs	99.3	Medium Priority (PIR=50-99)
Fishing programs	97.4	
Guided canoe/kayak tours	97.1	
Water fitness programs	91.2	
Environmental education programs	88.8	
Natural/cultural history programs	87.2	
Golf lessons	81.1	
Swim lessons	63.8	
Farm educational programs	61.9	Low Priority (PIR=0-49)
Boating classes	58.6	
Guided motorized boat tours	48.6	
Programs for people with disabilities	47.2	
Golf tournaments	32.8	
Running clubs/programs	32.5	
Homeschool programs	21.5	
Virtual programs	20.2	

Table 11: PIR Ratings for Parks & Recreation Programs in Macomb County, MI

Oakland County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Oakland County households. The following 11 programs were rated as high priorities for investment:

- Concerts
- Bird/wildlife watching programs
- Walking clubs/programs
- Pet-friendly programs
- Environmental education programs
- Astronomy programs
- Art/photography
- Guided nature hikes
- Camping
- Movies in the park
- Natural/cultural history programs

Program	PIR	
Concerts	200.0	High Priority (PIR=100-200)
Bird/wildlife watching programs	178.2	
Walking clubs/programs	153.5	
Pet-friendly programs	142.7	
Environmental education programs	136.4	
Astronomy programs	131.1	
Art/photography	129.1	
Guided nature hikes	124.8	
Camping	122.8	
Movies in the park	110.8	
Natural/cultural history programs	103.8	
Guided canoe/kayak tours	96.5	
Farm educational programs	81.2	
Water fitness programs	74.5	
Fishing programs	74.1	
Programs for people with disabilities	65.6	Low Priority (PIR=0-49)
Golf lessons	59.4	
Swim lessons	46.1	
Boating classes	42.4	
Running clubs/programs	39.2	
Guided motorized boat tours	31.0	
Golf tournaments	28.1	
Scouting	22.9	
Homeschool programs	22.3	
Virtual programs	13.2	

Table 12: PIR Ratings for Parks & Recreation Programs in Oakland County, MI

Washtenaw County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Washtenaw County households. The following 12 programs were rated as high priorities for investment:

- Concerts
- Bird/wildlife watching programs
- Environmental education programs
- Astronomy programs
- Art/photography
- Guided nature hikes
- Pet-friendly programs
- Natural/cultural history programs
- Camping
- Walking clubs/programs
- Movies in the park
- Guided canoe/kayak tours

Program	PIR	
Concerts	200.0	High Priority (PIR=100-200)
Bird/wildlife watching programs	188.9	
Environmental education programs	155.1	
Astronomy programs	149.7	
Art/photography	140.3	
Guided nature hikes	138.7	
Pet-friendly programs	130.2	
Natural/cultural history programs	126.8	
Camping	123.5	
Walking clubs/programs	116.1	
Movies in the park	115.3	
Guided canoe/kayak tours	100.8	
Programs for people with disabilities	72.5	Medium Priority (PIR=50-99)
Fishing programs	71.1	
Farm educational programs	66.5	
Water fitness programs	65.2	
Swim lessons	60.8	
Golf lessons	49.0	
Boating classes	40.5	Low Priority (PIR=0-49)
Running clubs/programs	39.9	
Virtual programs	31.1	
Golf tournaments	25.2	
Guided motorized boat tours	23.5	
Scouting	15.5	
Homeschool programs	14.4	

Table 13: PIR Ratings for Parks & Recreation Programs in Washtenaw County, MI

Wayne County (Outside of Detroit)

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Wayne County (outside of Detroit) households. The following 16 programs were rated as high priorities for investment:

- Concerts
- Art/photography
- Movies in the park
- Swim lessons
- Walking clubs/programs
- Water fitness programs
- Pet-friendly programs
- Environmental education programs
- Camping
- Programs for people with disabilities
- Astronomy programs
- Bird-wildlife watching programs
- Guided nature hikes
- Fishing programs
- Natural/cultural history programs
- Guided canoe/kayak tours

Program	PIR	
Concerts	194.4	High Priority (PIR=100-200)
Art/photography	175.1	
Movies in the park	173.9	
Swim lessons	166.8	
Walking clubs/programs	164.6	
Water fitness programs	162.6	
Pet-friendly programs	150.9	
Environmental education programs	132.9	
Camping	129.0	
Programs for people with disabilities	126.7	
Astronomy programs	126.2	
Bird/wildlife watching programs	125.0	
Guided nature hikes	121.7	
Fishing programs	114.2	
Natural/cultural history programs	108.7	
Guided canoe/kayak tours	105.5	
Farm educational programs	98.0	
Golf lessons	83.6	
Boating classes	80.6	
Guided motorized boat tours	70.3	Low Priority (PIR=0-49)
Homeschool programs	59.1	
Running clubs/programs	50.0	
Virtual programs	35.3	
Scouting	31.8	
Golf tournaments	29.9	

Table 14: PIR Ratings for Parks & Recreation Programs in Wayne County, MI (outside of Detroit)

City of Detroit

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from households in the City of Detroit. The following 13 programs were rated as high priorities for investment:

- Concerts
- Bird/wildlife watching programs
- Camping
- Guided nature hikes
- Pet-friendly programs
- Art/photography
- Astronomy programs
- Environmental education programs
- Walking/clubs programs
- Guided canoe/kayak tours
- Movies in the park
- Natural/cultural history programs
- Fishing programs

Program	PIR	
Concerts	200.0	High Priority (PIR=100-200)
Bird/wildlife watching programs	171.1	
Camping	161.7	
Guided nature hikes	148.8	
Pet-friendly programs	148.5	
Art/photography	146.8	
Astronomy programs	141.9	
Environmental education programs	140.6	
Walking clubs/programs	131.9	
Guided canoe/kayak tours	127.9	
Movies in the park	115.4	
Natural/cultural history programs	107.5	
Fishing programs	101.7	
Water fitness programs	97.3	Medium Priority (PIR=50-99)
Farm educational programs	71.2	
Programs for people with disabilities	70.3	
Swim lessons	65.7	
Golf lessons	65.6	
Boating classes	56.4	Low Priority (PIR=0-49)
Running clubs/programs	38.2	
Golf tournaments	36.0	
Guided motorized boat tours	33.2	
Scouting	23.3	
Homeschool programs	22.9	
Virtual programs	15.3	

Table 15: PIR Ratings for Parks & Recreation Programs in the City of Detroit

Huron-Clinton Metroparks: Facilities & Parks

Most (93.9%) of households indicated that they have heard of Huron-Clinton Metroparks; 3.8% had not and 2.3% were not sure. Over two-thirds (67.8%) of households indicated that, prior to receive the survey, they were aware of the difference between the Huron-Clinton Metroparks system and other park systems operated by the State of Michigan, counties, and cities in Southeast Michigan. Thirty-two percent (31.9%) indicated they were not, prior to the survey, aware of the difference and 0.3% did not provide a response.

Over half (54.9%) of households feel there are enough parks and greenspace areas within a 15-minute drive from their residence; 36.3% do not feel this way and 8.8% did not provide a response. The table below shows the percentage of households, by location, that feel there are or are not enough parks/greenspace areas within a 15-minute drive of their residence.

Table 16: Q7. Do you feel that there are enough parks and greenspace areas within a 15-minute drive of your residence?

	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	71.1%	59.0%	64.1%	75.8%	38.7%	59.8%
No	28.9%	41.0%	35.9%	24.2%	61.3%	40.2%

Households in Livingston, Macomb, Oakland, Washtenaw counties, and the City of Detroit are more likely to feel that there are enough parks and greenspace areas within a 15-minute drive of their residence than households, outside of Detroit, in Wayne County.

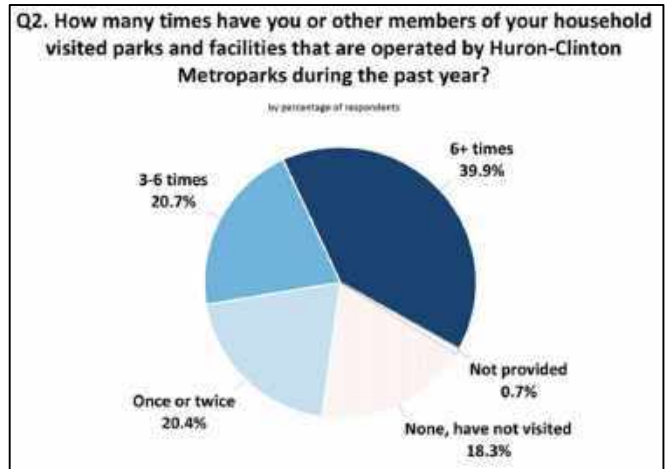
Over one-third (35.0%) of households feel there are enough parks and greenspace areas within a 10-minute walk of their residence; 57.1% do not feel that there are enough and 7.9% did not provide an opinion. The table below shows the percentage of households, by location, that feel there are or are not enough parks/greenspace areas within a 10-minute walk of their residence.

Table 17: Q6. Do you feel that there are enough parks and greenspace areas within a 10-minute walk of your residence?

	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	40.3%	35.5%	40.7%	56.0%	20.2%	38.8%
No	59.7%	64.5%	59.3%	44.0%	79.8%	61.2%

Households in Washtenaw County are more likely to feel that there are enough parks and greenspace areas within a 10-minute walk of their residence than households in Livingston, Macomb, Oakland, and Wayne (outside of Detroit) counties, and the City of Detroit.

The majority (60.6%) of households responded that during the past year, they had visited parks and facilities that are operated by Huron-Clinton Metroparks at least 3 times or more; 20.4% had visited once or twice, 18.3% had not visited during the past year, and 0.7% did not provide this information. Of the households that had visited parks and facilities that are operated by Huron-Clinton Metroparks, during the past year, 66.0% indicated they had purchased an annual permit vehicle pass, 22.7% purchased a daily permit vehicle pass, 6.7% did not purchase a vehicle pass, and 4.5% did not remember what type of vehicle pass they had, if any.

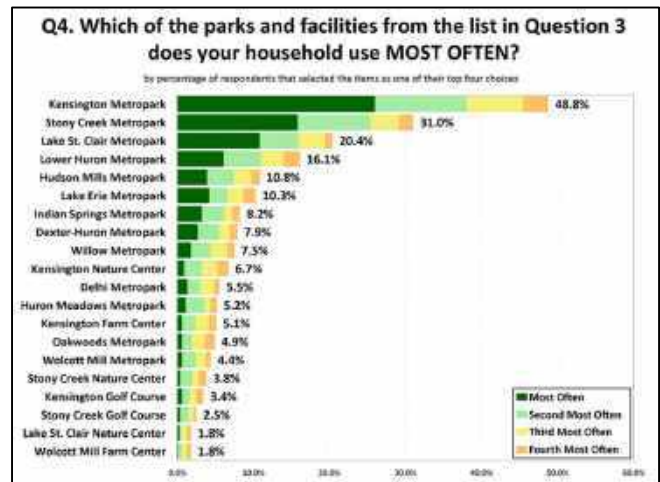


Households were asked which four parks and facilities, operated by Huron-Clinton Metroparks do they use most often. Based on the sum of households' top four choices, the following four parks and facilities had the highest percentage of responses, as being used the most often by households:

- Kensington Metropark (48.8%)
- Stony Creek Metropark (31.0%)
- Lake St. Clair Metropark (20.4%)
- Lower Huron Metropark (16.1%)

When households were asked what reasons prevent them from using parks and facilities, operated by Huron-Clinton Metroparks, more often, the top five reasons were:

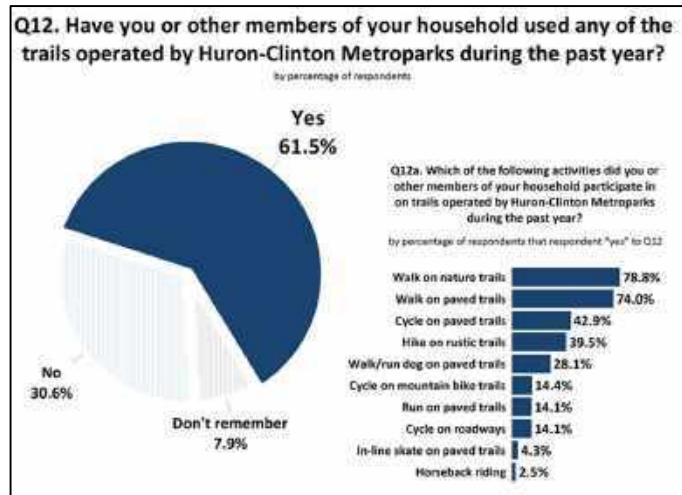
- I do not know what is being offered (38.2%)
- The location is not convenient (32.7%)
- I do not have time to visit parks (16.5%)
- I do not know the locations of facilities (13.6%)
- The cost/fees are too high (12.1%)



Huron-Clinton Metroparks: Trails

The majority (61.5%) of households indicated that during the past year they have used trails operated by Huron-Clinton Metroparks; 30.6% have not and 7.9% did not remember. Of the 61.5% of households that used these trails, the top five activities that households participated in are listed below.

- Walk on nature trails (78.8%)
- Walk on paved trails (74.0%)
- Cycle on paved trails (42.9%)
- Hike on rustic trails (39.5%)
- Walk/run dog on paved trails (28.1%)



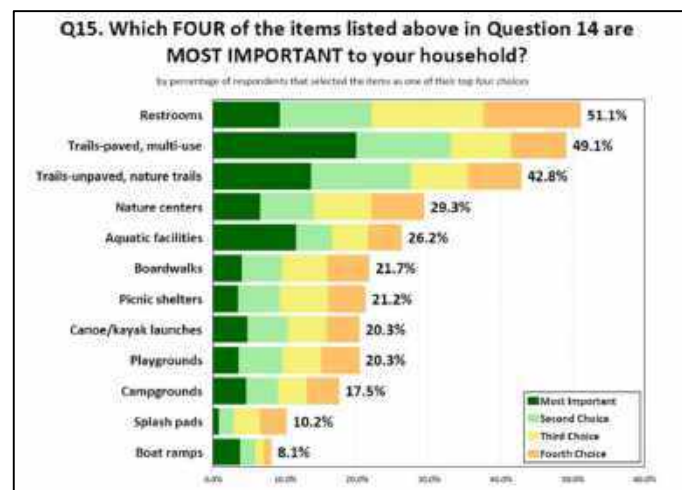
Huron-Clinton Metroparks: Renovations

Households were asked what level of support they would have for various renovations that could be considered to be made to the Huron-Clinton Metroparks System. At least two-thirds of households indicated they would be “very supportive” of the following possible renovations:

- Restroom renovations (85.2%)
- Paved, multi-use trails (74.4%)
- Unpaved trails, nature trails (71.8%)
- Nature centers (67.9%)

Of the list of 12 possible renovations, households were asked to rate their top four choices, and based on the sum of households’ top choices the following three were rated as the most important to households:

- Restroom renovations (51.1%)
- Paved, multi-use trails (49.1%)
- Unpaved trails, nature trails (42.8%)



The top three most important renovations to households in the Counties of Livingston, Macomb, Oakland, and Washtenaw and the City of Detroit were restrooms, paved/multi-use trails, and unpaved trails/nature trails. The most important renovations to households outside of Detroit, in Wayne County, were restrooms (49.6%), aquatic facilities (32.6%), and picnic shelters (31.6%).

Additional Findings

- Seventy-two percent (71.9%) of households believe that since the beginning of the Pandemic, parks, trails, and open space have been important to improving mental health and physical health and fitness; 5.6% do not believe it is important and 6.5% did not have an opinion.
- At least two out of five households use the following ways to learn about Huron-Clinton Metroparks facilities, programs, and services.
 - Metroparks website (56.5%)
 - Web/Google searches (49.1%)
 - Friends/family/neighbors (40.4%)
- The following six methods are household’s most preferred ways to learn about Huron-Clinton Metroparks facilities, programs, and services:
 - Metroparks website (54.4%)
 - Web/Google searches (39.6%)
 - Social media (25.9%)
 - Friends/family/neighbors (25.0%)
- Households were asked, from a list of various aquatic features, whether they feature was one that is strongly needed, somewhat needed, or not needed in the community. At least four out of five households believe the following six aquatic features are either “strongly” or “somewhat” needed in their community:
 - Family-oriented warm water pool (86.9%)
 - Warm water pool for swim lessons or therapy (86.9%)
 - Area for water fitness (86.1%)
 - Outdoor seasonal leisure pool (85.6%)
 - Lap lanes for recreational lap swimming (80.3%)
 - Outdoor spray ground (80.0%)
- Households were then asked which three aquatic features they felt were most needed in their community. Based on the sum of households’ top three choices, the following four features are most needed in their community:
 - Family-oriented warm water pool (39.7%)
 - Area for water fitness (33.1%)
 - Warm water pool for swim lessons or therapy (26.3%)
 - Outdoor seasonal leisure pool (26.1%)

The table at the top of the following page shows the percentage of households, by location, that chose the various aquatic features as one of their top three choices as being the most needed in their community. The top three aquatic features with the highest percentage of responses are **red** and **bolded**.

Table 18: Q20. Which three of the aquatic features do you feel are most needed in the community? (Sum of the top three choices)

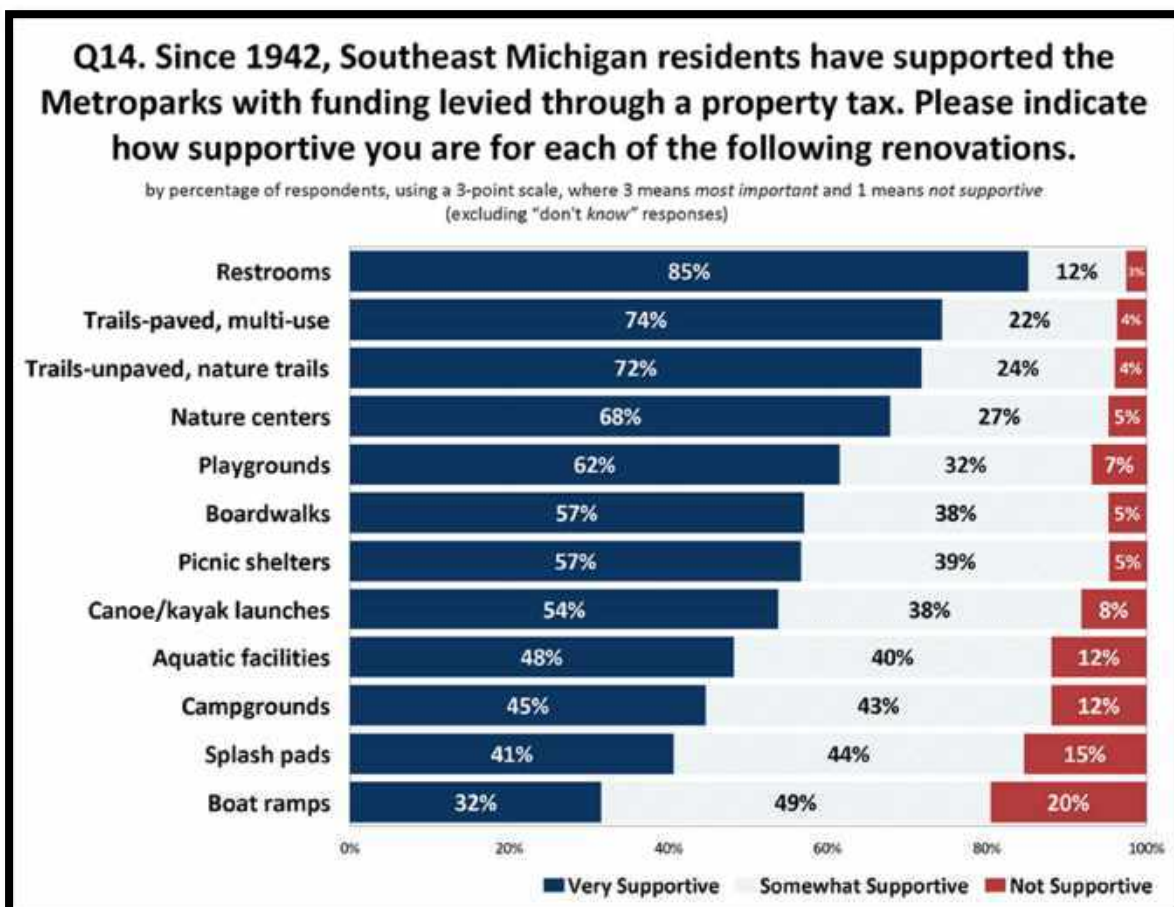
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
<i>Area for water fitness</i>	27.6%	32.1%	32.9%	31.7%	39.5%	31.9%
<i>Competition swimming</i>	2.5%	3.7%	3.6%	2.5%	5.4%	2.5%
<i>Deep water area</i>	7.1%	9.2%	5.5%	8.9%	7.7%	8.8%
<i>Family-oriented warm water pool</i>	36.3%	42.3%	35.7%	33.5%	39.3%	40.8%
<i>Lap lanes for recreational lap swimming</i>	16.1%	19.6%	19.7%	24.5%	13.3%	18.9%
<i>Lazy river</i>	26.7%	28.0%	25.6%	19.6%	17.0%	29.5%
<i>Outdoor seasonal leisure pool</i>	25.1%	25.2%	26.6%	25.9%	23.0%	28.3%
<i>Outdoor spray ground</i>	13.2%	16.6%	14.1%	10.1%	12.6%	12.5%
<i>Warm water pool for swim lessons or therapy</i>	24.8%	30.3%	21.6%	23.0%	31.4%	26.3%
<i>Whirlpool/hot tub</i>	9.6%	13.7%	9.4%	7.6%	11.4%	12.3%

- At least three-quarters of households think it is very important to;
 - manage stormwater to protect water quality and reduce flooding (80.5%)
 - maintain roads, parking lots, and other park infrastructure (77.5%)
 - plant trees for shade and cooling and to absorb carbon dioxide (75.4%)
- Based on the sum of household's top three choices, the top four most important sustainable issues in their community are listed below.
 - manage stormwater to protect water quality and reduce flooding (50.0%)
 - maintain roads, parking lots, and other park infrastructure (38.2%)
 - reduce waste by recycling and composting (27.5%)
 - plant trees for shade and cooling and to absorb carbon dioxide (26.8%)

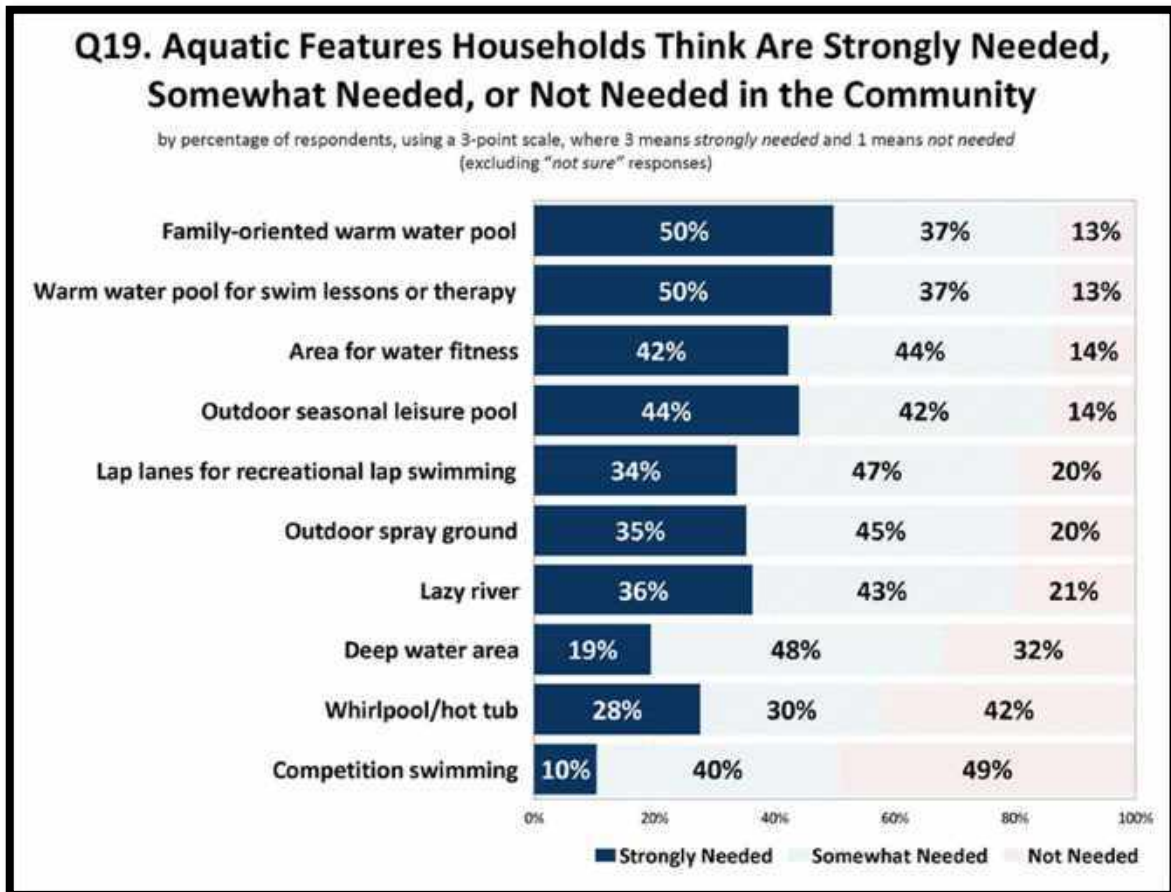
Conclusions & Recommendations

When analyzing the facilities offered by Huron-Clinton Metroparks the same three items that were the most important to households and had the highest level of unmet need were: beaches, paved trails for multi-use, and natural areas. When analyzing the programs offered by Huron-Clinton Metroparks the same two items that were the most important to households and had the highest level of unmet need were: concerts and bird/wildlife watching programs. Focusing on adding concerts, bird/wildlife watching programs, beaches, and paved trails for multi-use would provide the greatest benefit for the largest number of residents within the region. Huron-Clinton Metroparks could also ensure they are reaching the greatest number of households in the region by focusing resources on paved trails for multi-use and natural areas. Over 1 million households have a need for paved multi-use trails and natural areas in the region.

Households were given a list of 12 different facilities and were asked to indicate how supportive they would be of Metroparks using their tax dollars to fund renovations for each. Based on the sum of very supportive and somewhat supportive responses the three facilities which received the highest levels of support are: restrooms (97.4%), paved trails for multi-use (96.3%), and unpaved trails/nature trails (96.0%). The graph below shows the level of support for all 12 facilities.



Households were given a list of 10 different aquatic features and were asked to indicate if the feature was needed, somewhat needed, or not needed in their community. Based on the sum of strongly needed and somewhat needed responses the three features that had the highest responses were: family-oriented warm water pool (86.8%), warm water pool for swim lessons or therapy (86.9%), and an area for water fitness (86.1%). The graph below shows the level of need for aquatic features in the community.



In order to ensure that Huron-Clinton Metroparks continues to meet the needs and expectations of their service area, ETC Institute recommends that they sustain and/or improve the performance in areas that were identified as “high priorities” by the Priority Investment Rating (PIR). The facilities and programs with the highest PIR ratings are listed below.

Facility Priorities

Facility	Priority Investment Rating (PIR)
<i>Trails-paved, multi-use (walking, biking)</i>	189.2
<i>Beaches</i>	174.7
<i>Natural areas</i>	145.7
<i>Trails-unpaved, nature trails</i>	139.7
<i>Trails-unpaved, hiking</i>	137.2
<i>Nature centers</i>	114.2
<i>Canoe/kayak launch sites</i>	110.2
<i>Outdoor swimming pools</i>	107.9

Programming Priorities

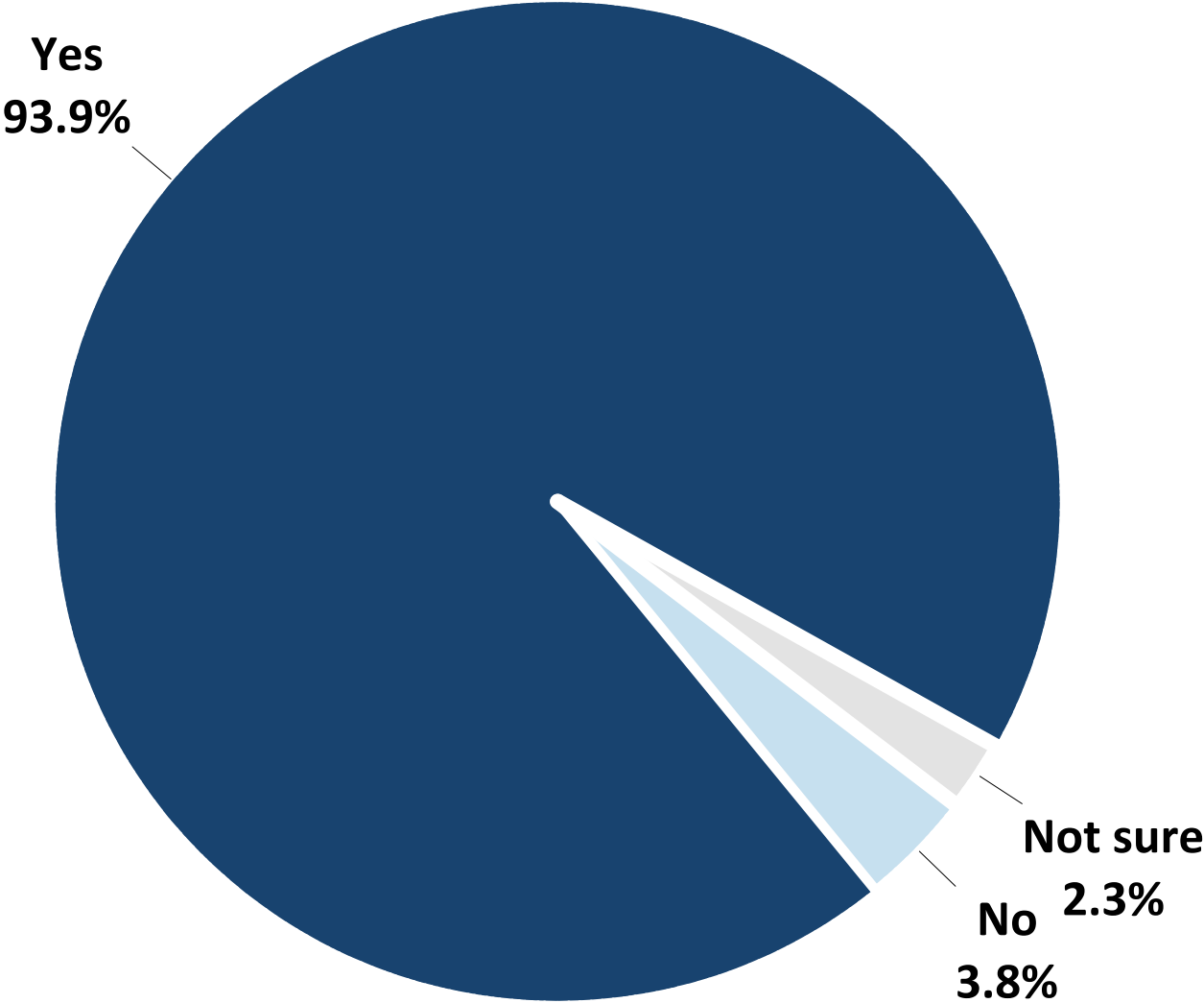
Program	Priority Investment Rating (PIR)
<i>Concerts</i>	200.0
<i>Bird/wildlife watching programs</i>	161.0
<i>Pet-friendly programs</i>	140.9
<i>Walking clubs/programs</i>	137.6
<i>Camping</i>	134.7
<i>Art/photography</i>	132.4
<i>Astronomy programs</i>	129.2
<i>Environmental education programs</i>	128.4
<i>Guided nature hikes</i>	127.6
<i>Movies in the park</i>	126.1
<i>Guided canoe/kayak tours</i>	103.4
<i>Natural/cultural history programs</i>	101.0

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Section 2: Charts and Graphs of Overall Results

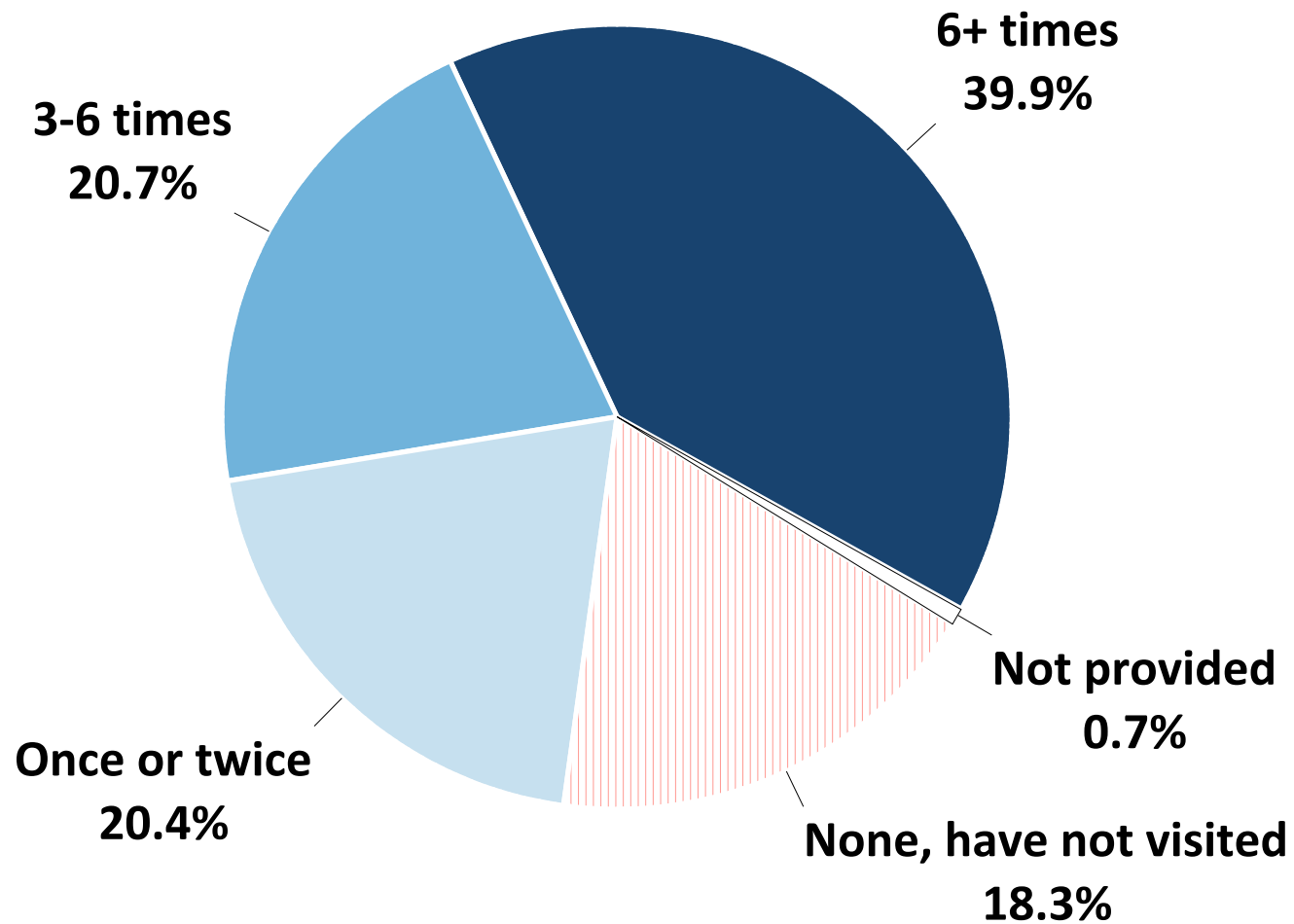
Q1. Have you ever heard of Huron-Clinton Metroparks?

by percentage of respondents



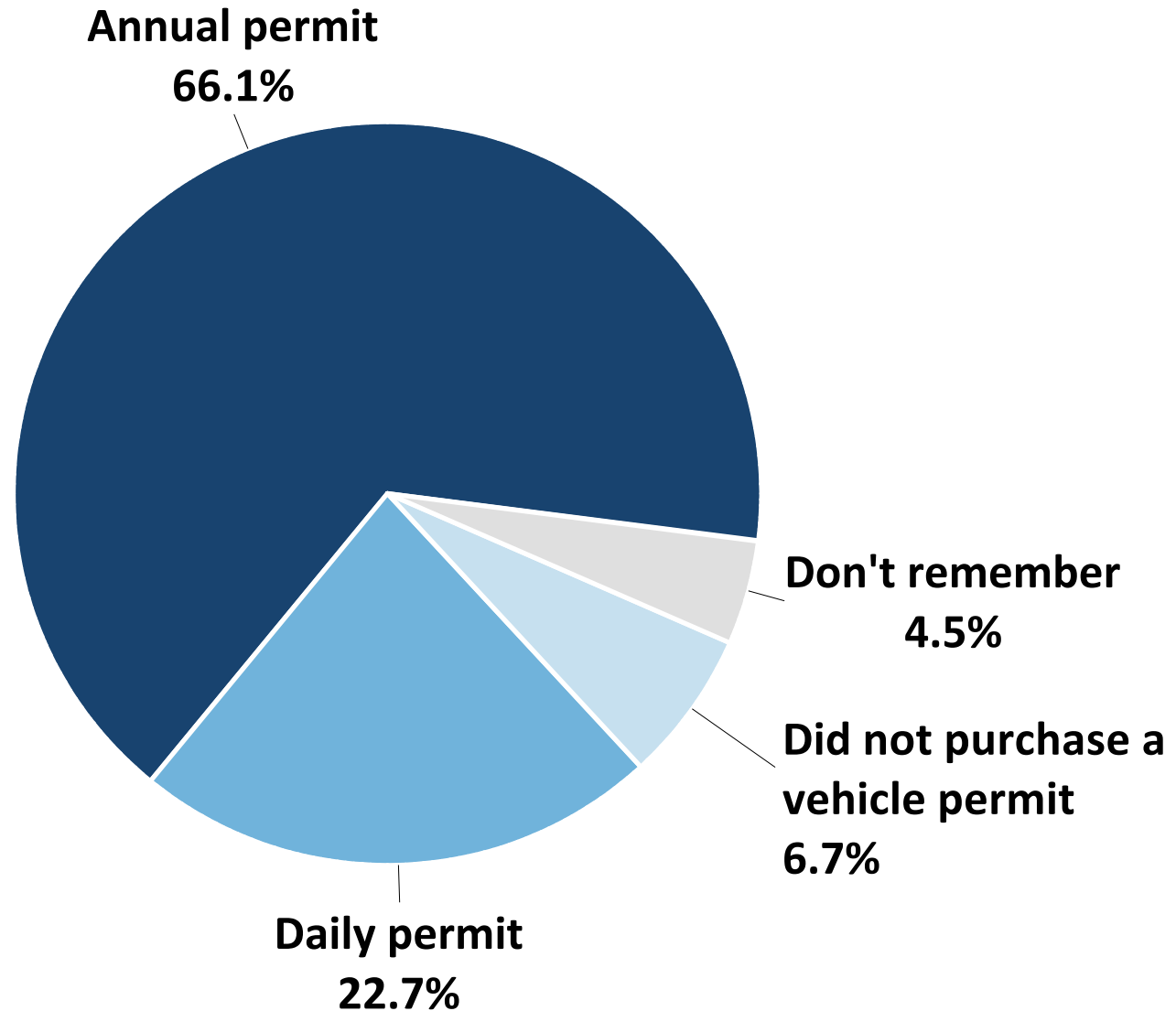
Q2. How many times have you or other members of your household visited parks and facilities that are operated by Huron-Clinton Metroparks during the past year?

by percentage of respondents



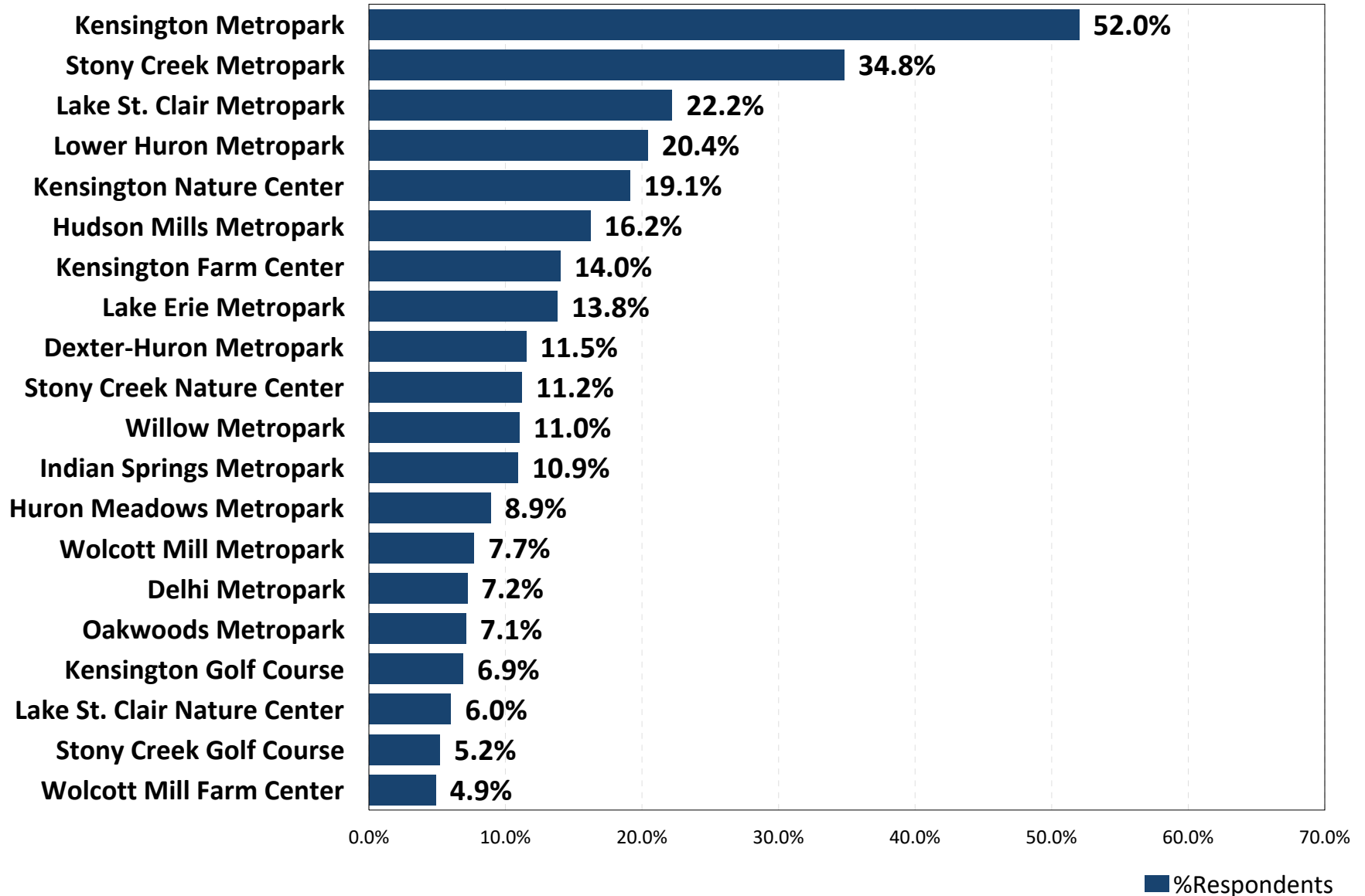
Q2a. Which of the following best describes the type of vehicle pass you purchased?

by percentage of respondents that visited parks and facilities operated by Huron-Clinton Metroparks during the past year



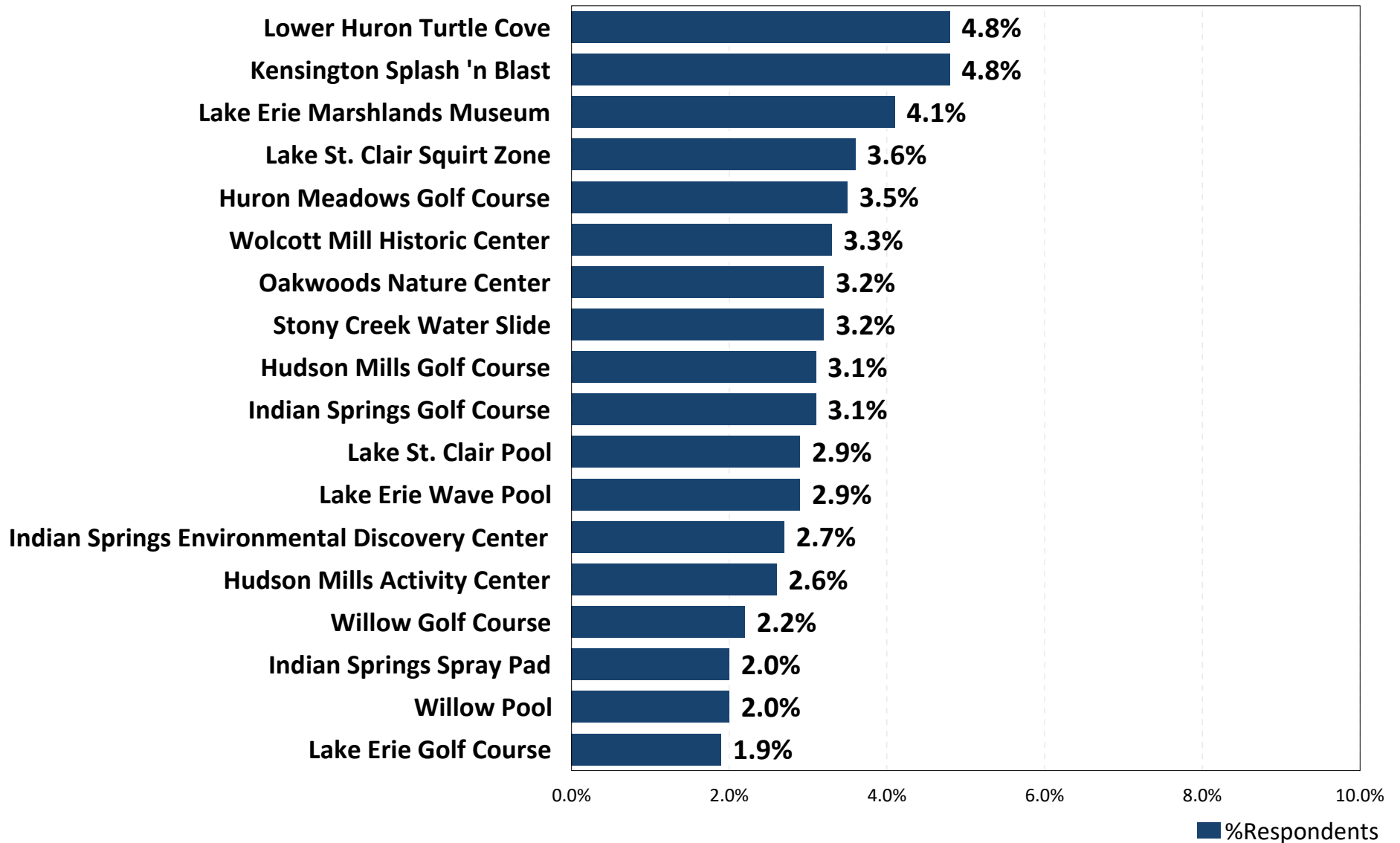
Q3. Huron-Clinton Metroparks Parks and Facilities That Households Have Visited During the Past Year

by percentage of respondents (multiple choices could be selected)



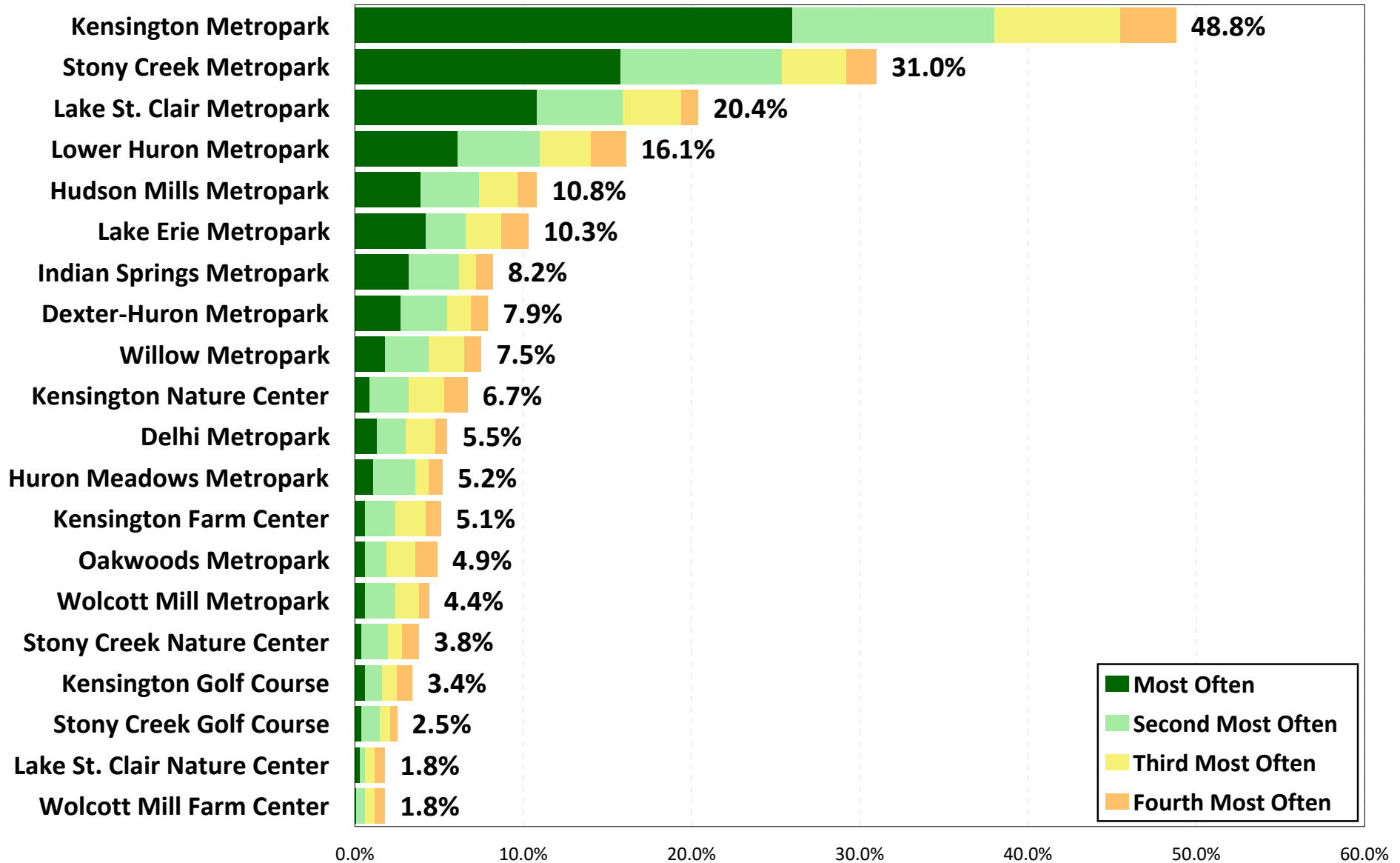
Q3. Huron-Clinton Metroparks Parks and Facilities That Households Have Visited During the Past Year (Continued)

by percentage of respondents (multiple choices could be selected)



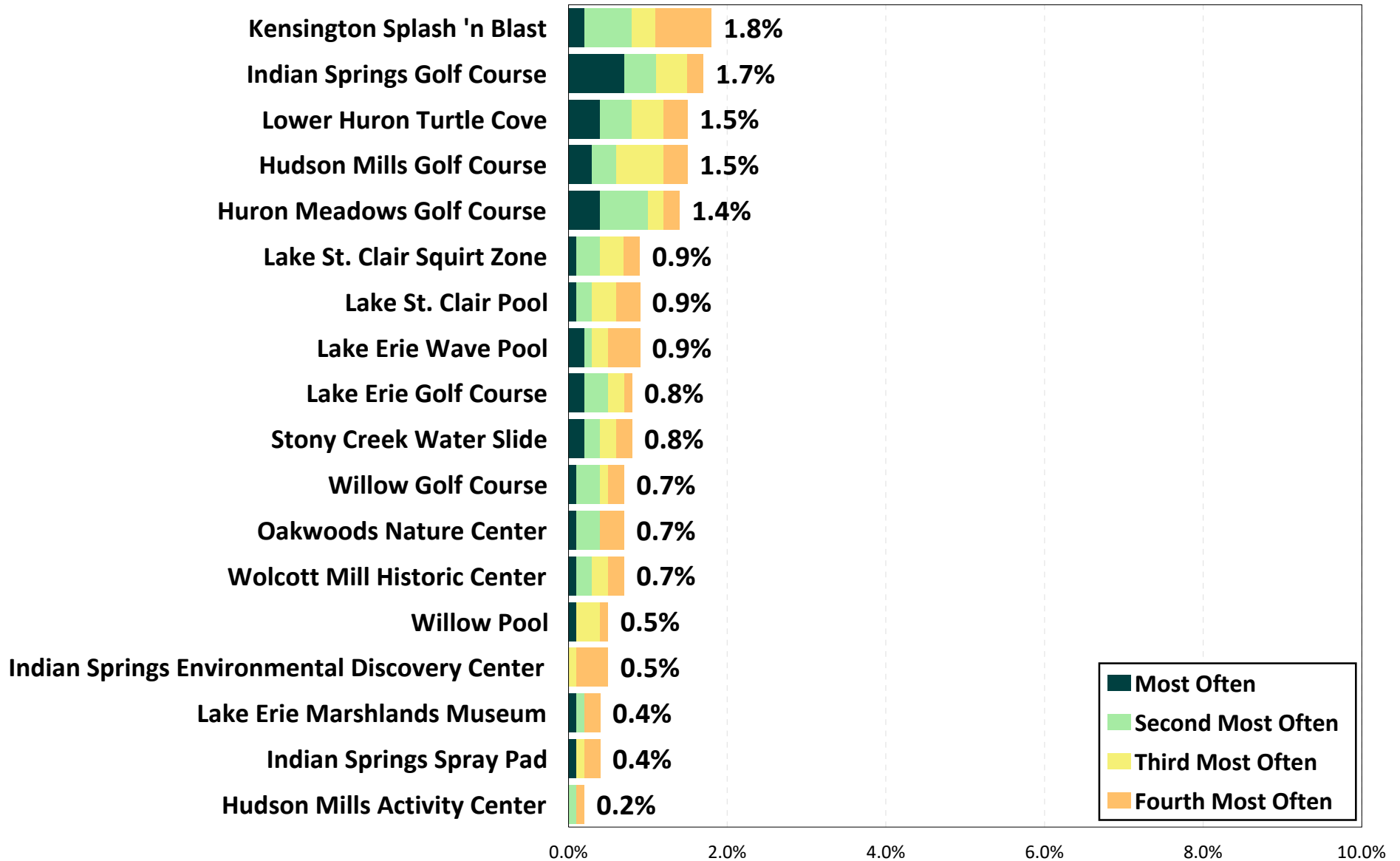
Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN?

by percentage of respondents that selected the items as one of their top four choices



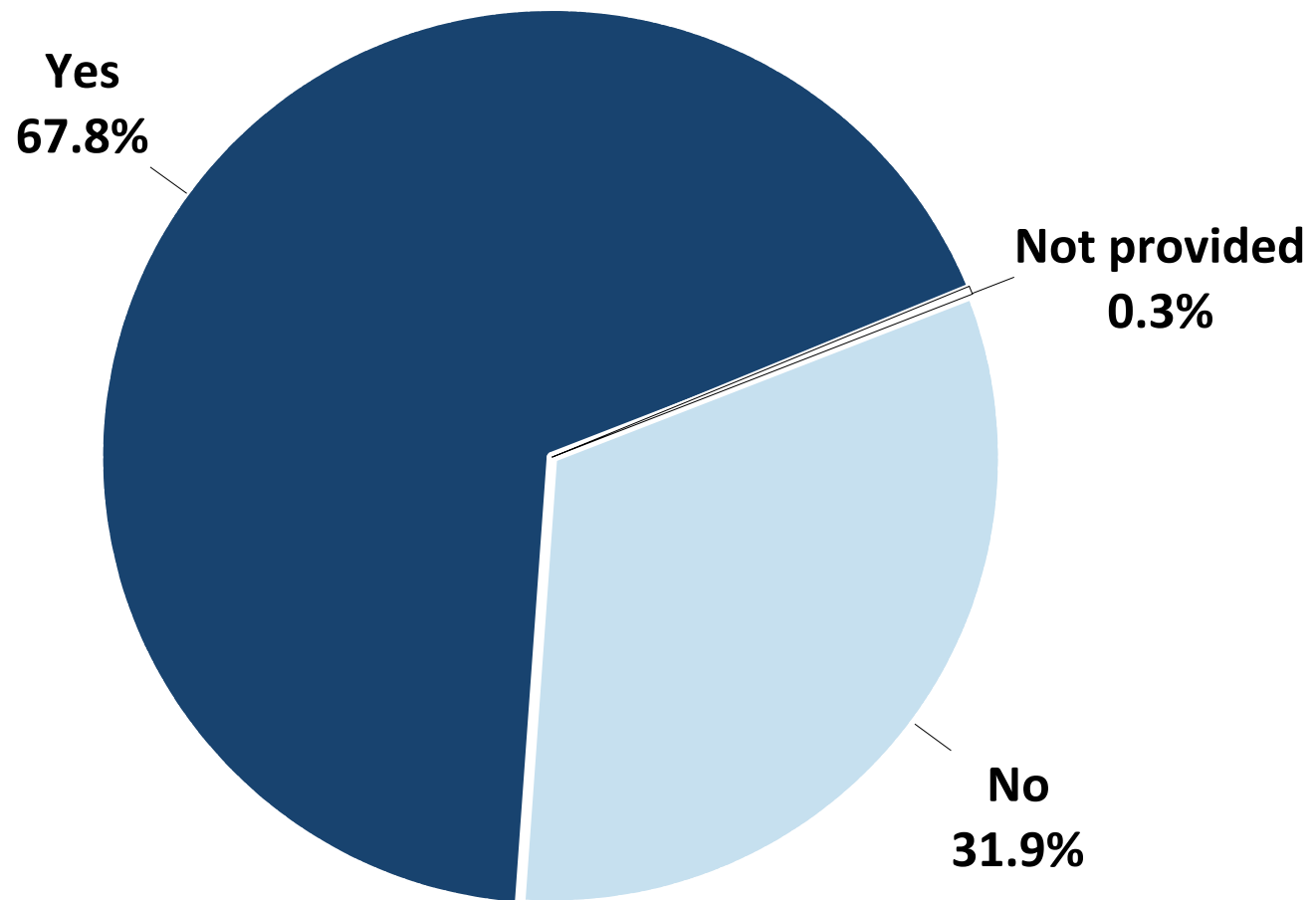
Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (Continued)

by percentage of respondents that selected the items as one of their top four choices



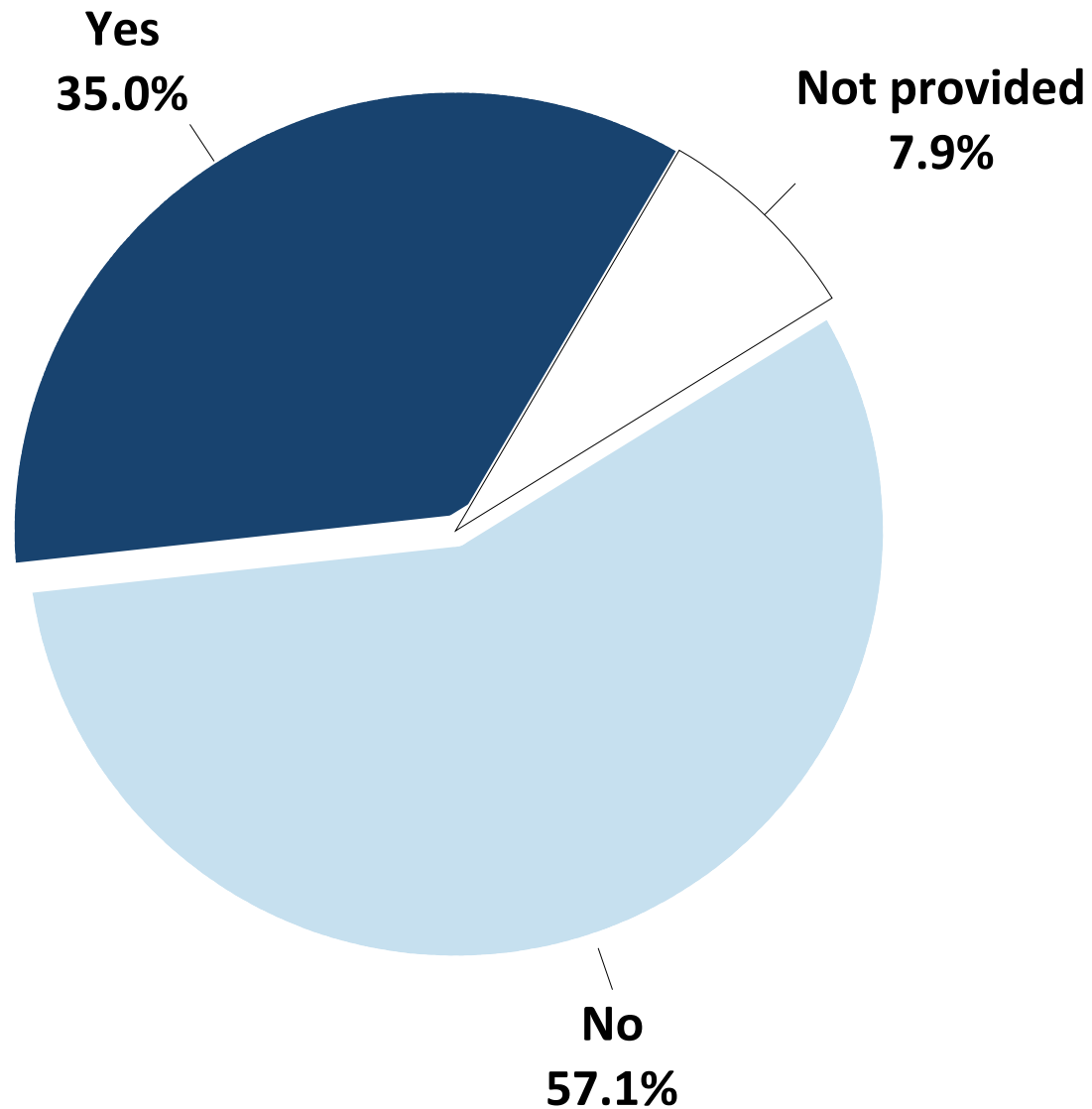
Q5. Prior to receiving this survey, were you aware of the difference between the Huron-Clinton Metroparks system and other park systems operated by the State of Michigan, counties, and cities in Southeast Michigan?

by percentage of respondents



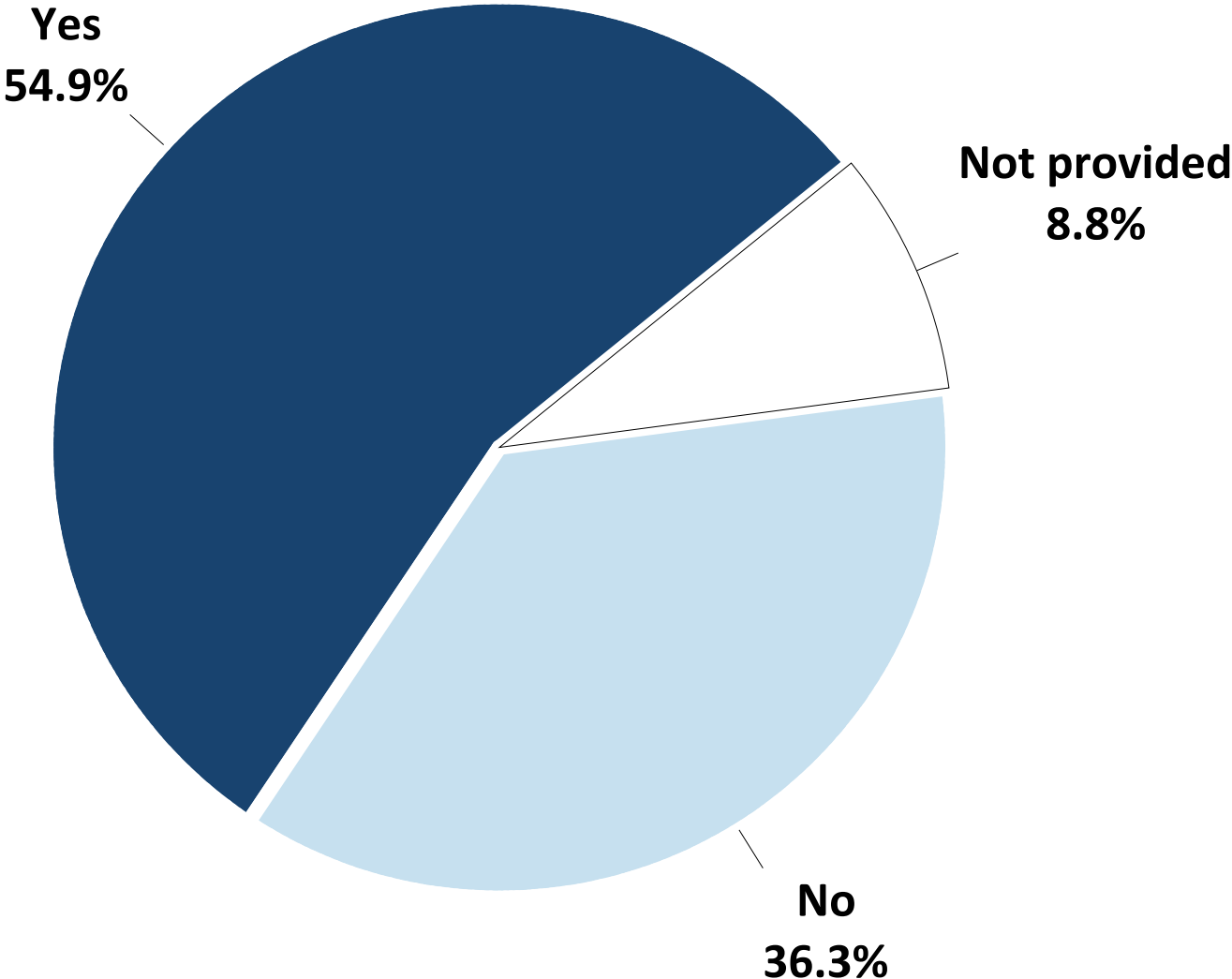
Q6. Do you feel that there are enough parks and green space areas within a 10-minute walk of your residence?

by percentage of respondents

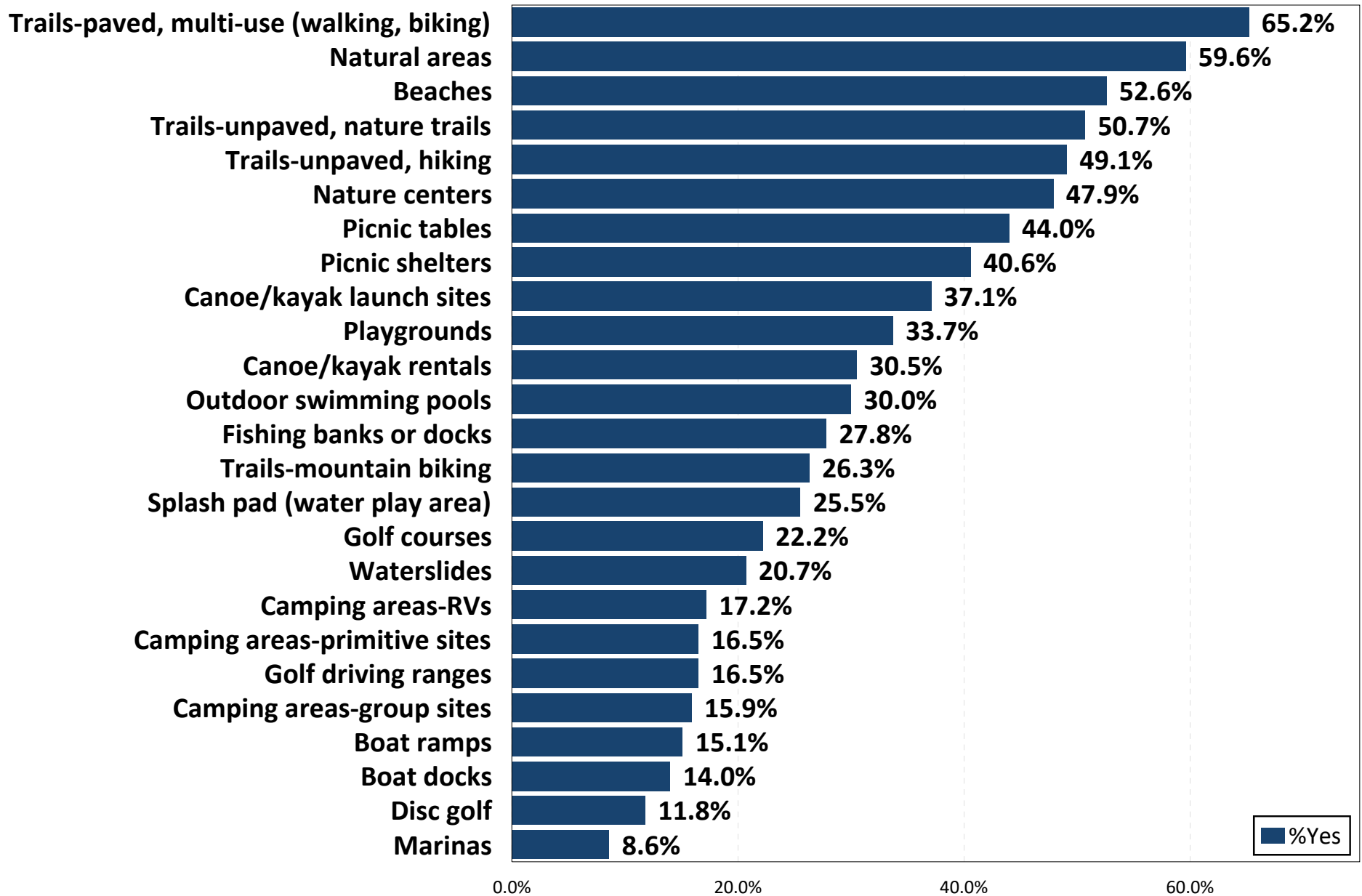


Q7. Do you feel that there are enough parks and green space areas within a 15-minute drive of your residence?

by percentage of respondents

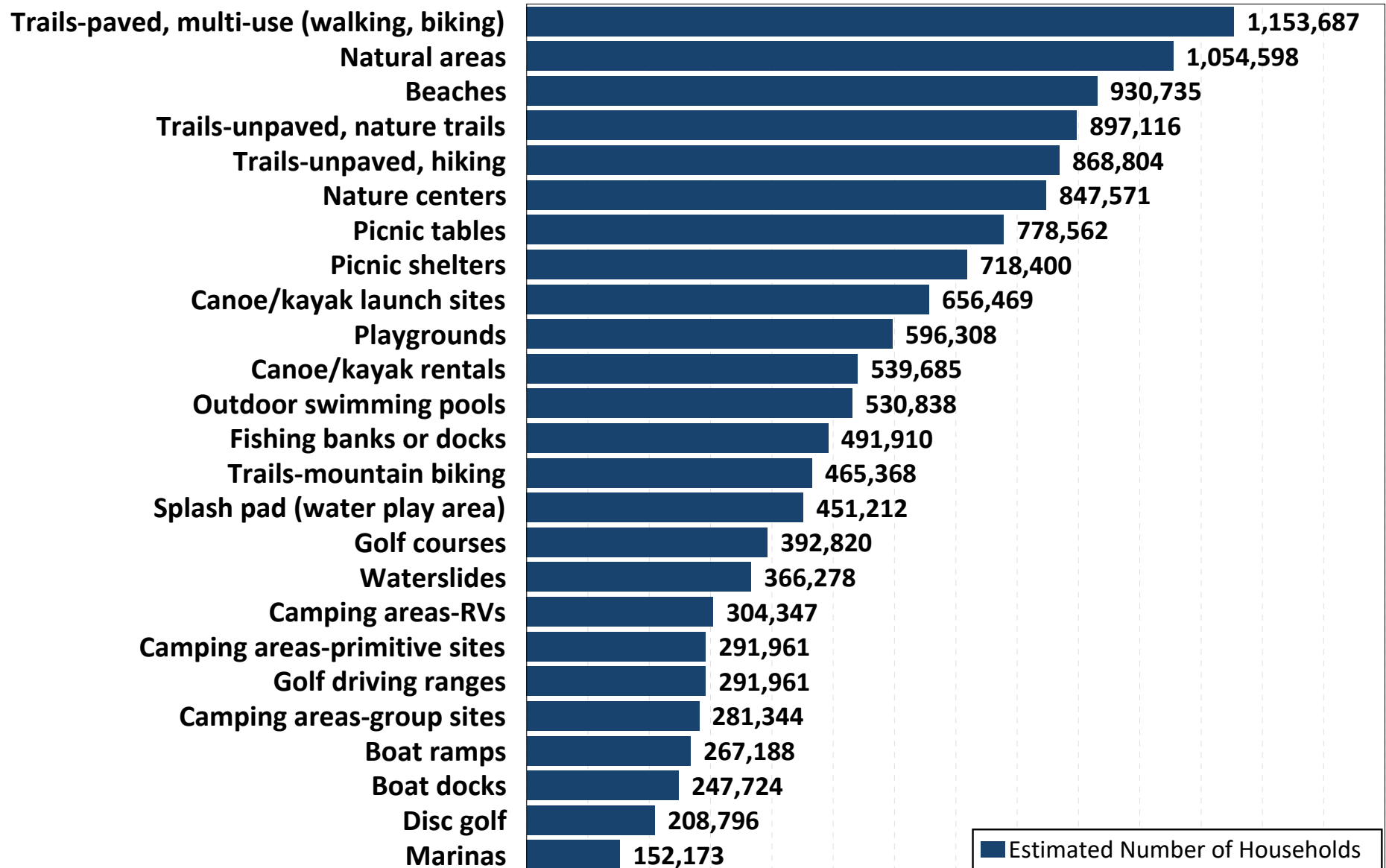


Q8. Percentage of Households With a Need for Various Parks & Recreation Facilities



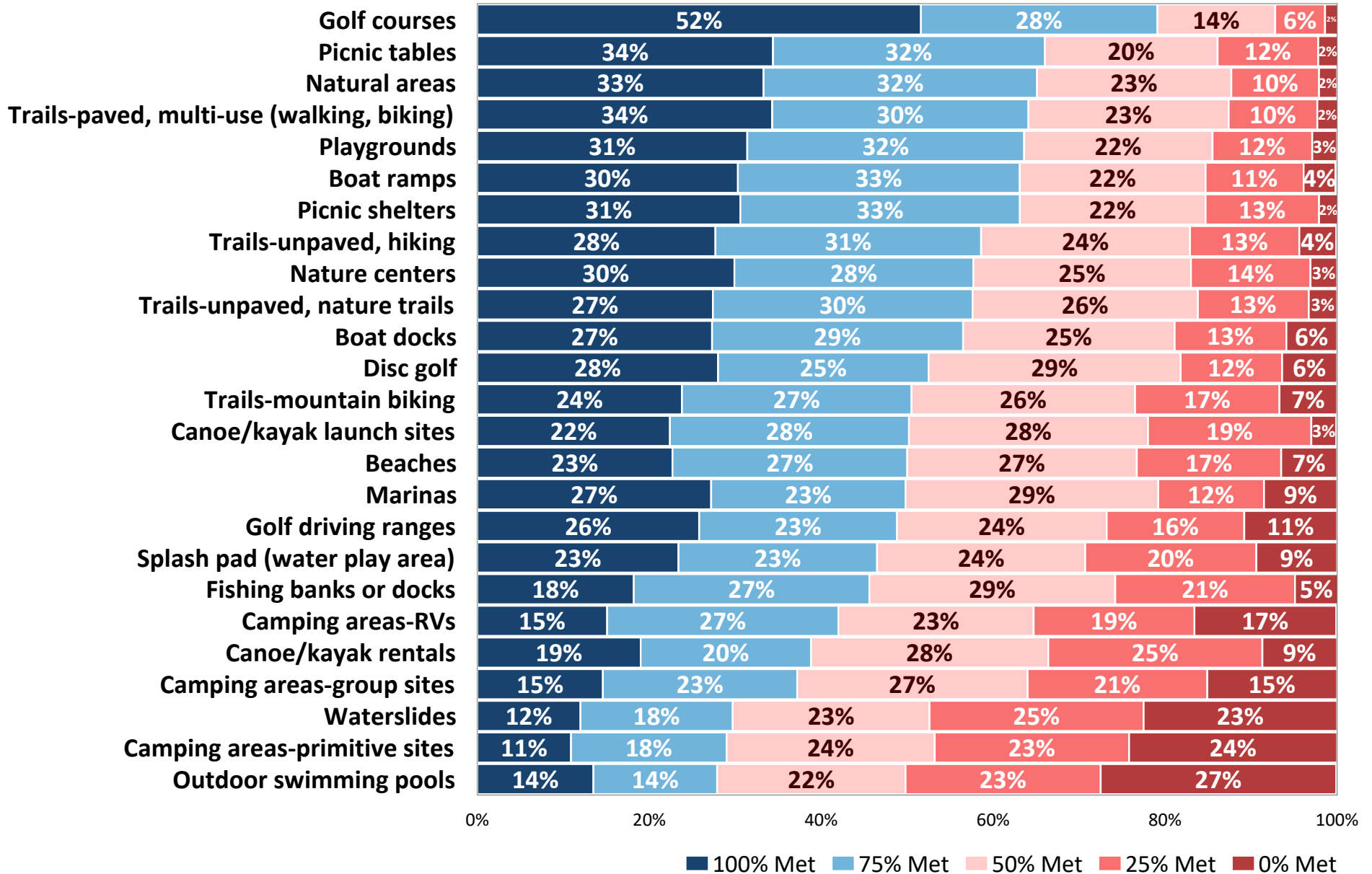
Estimated Number of Households With a Need for Parks & Recreation Facilities

(based on the estimated number of households in the Huron-Clinton Metroparks Regional Park System=1,769,459)



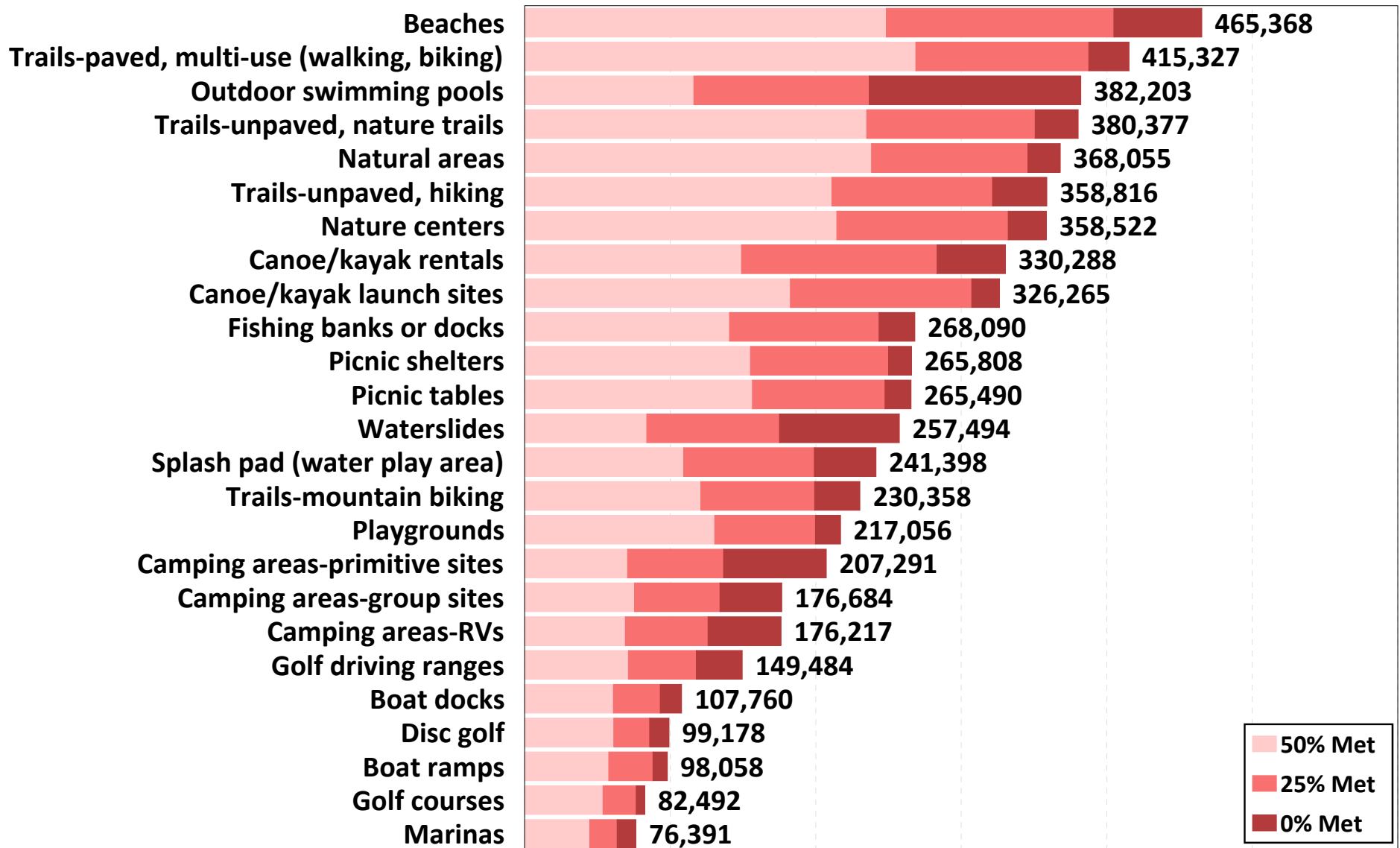
Q8. How Well Households Need For Facilities in the Huron-Clinton Metroparks Regional Park System Are Being Met

by percentage of households that have a need for facilities, using a 5-point scale, where 5 means 100% met and 1 means 0% met



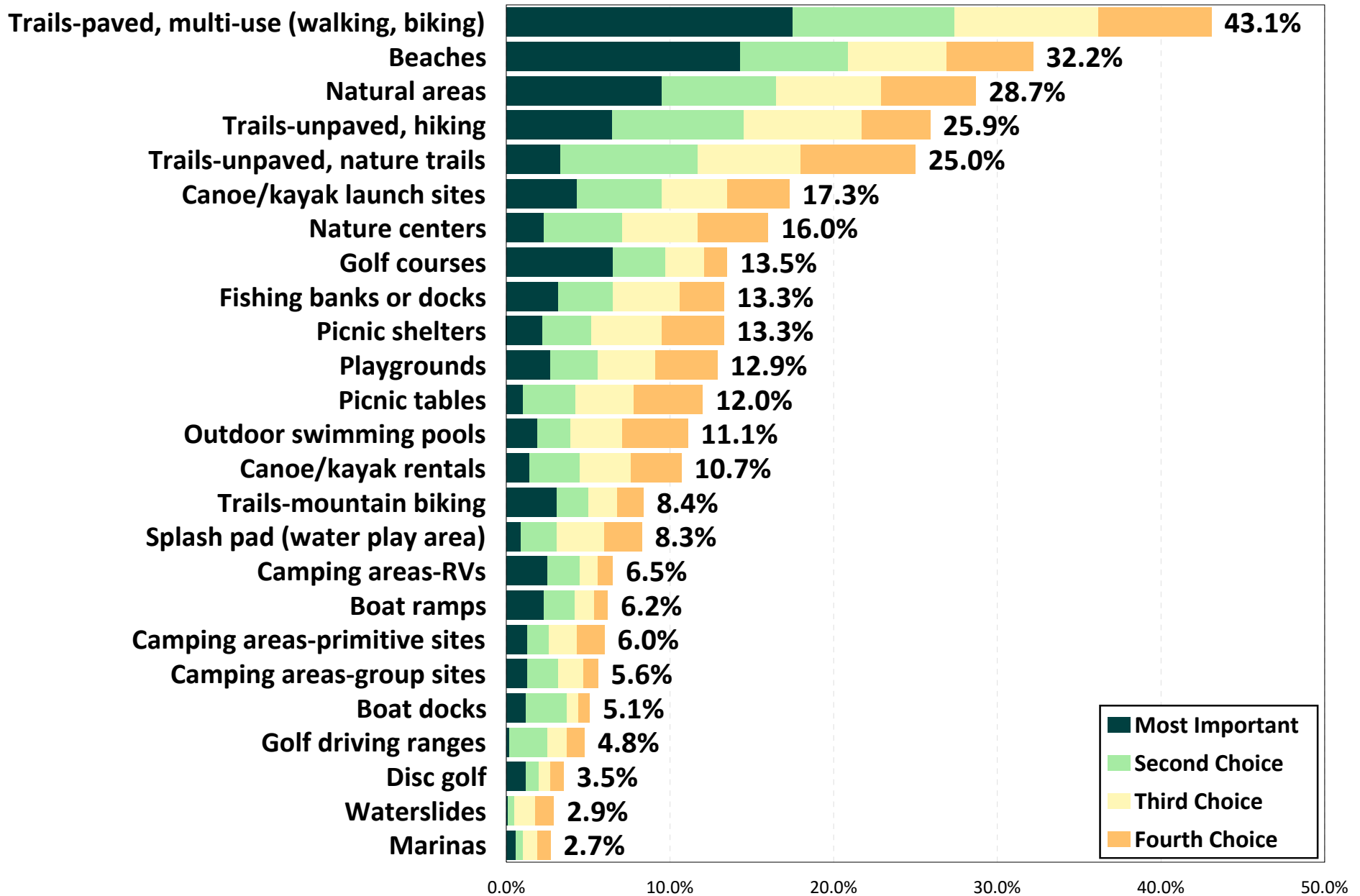
Estimated Number of Households Whose Needs for Facilities Are Being Met 50% or Less

(based on the estimated number of households in the Huron-Clinton Metroparks Regional Park System=1,769,459)

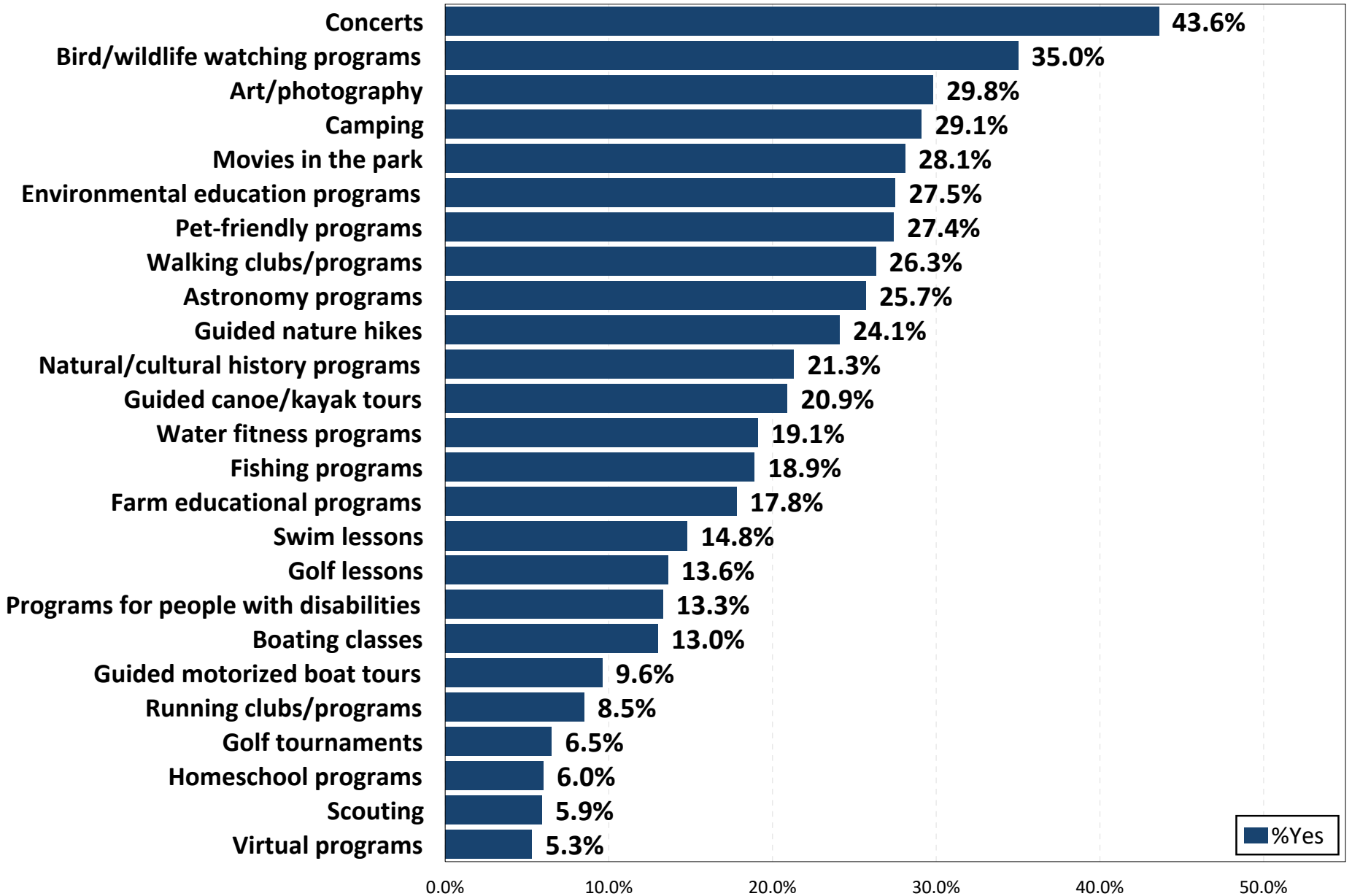


Q9. Facilities Most Important to Households

by percentage of households that selected the items as one of their top four choices

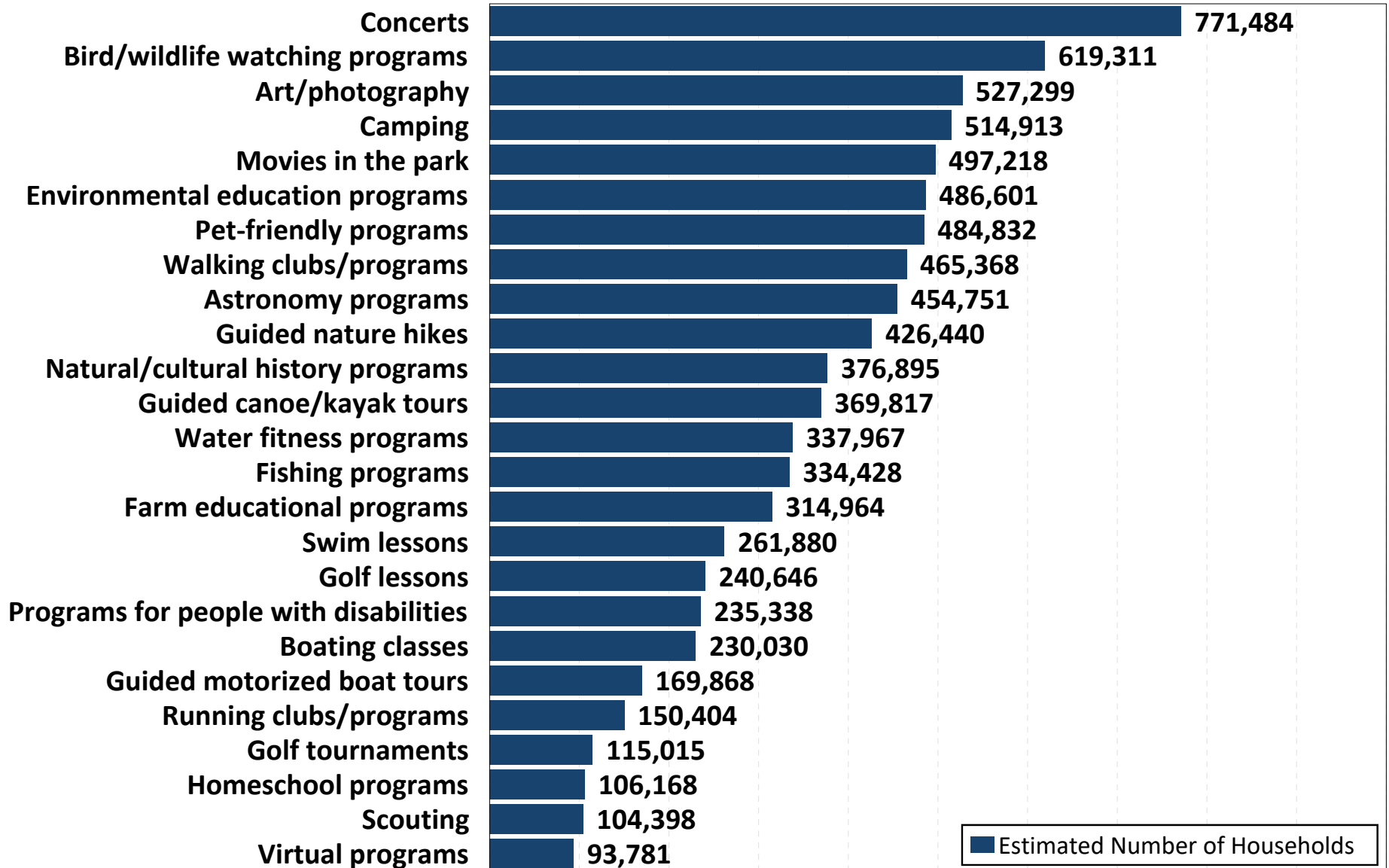


Q10. Percentage of Households With a Need for Various Parks & Recreation Programs



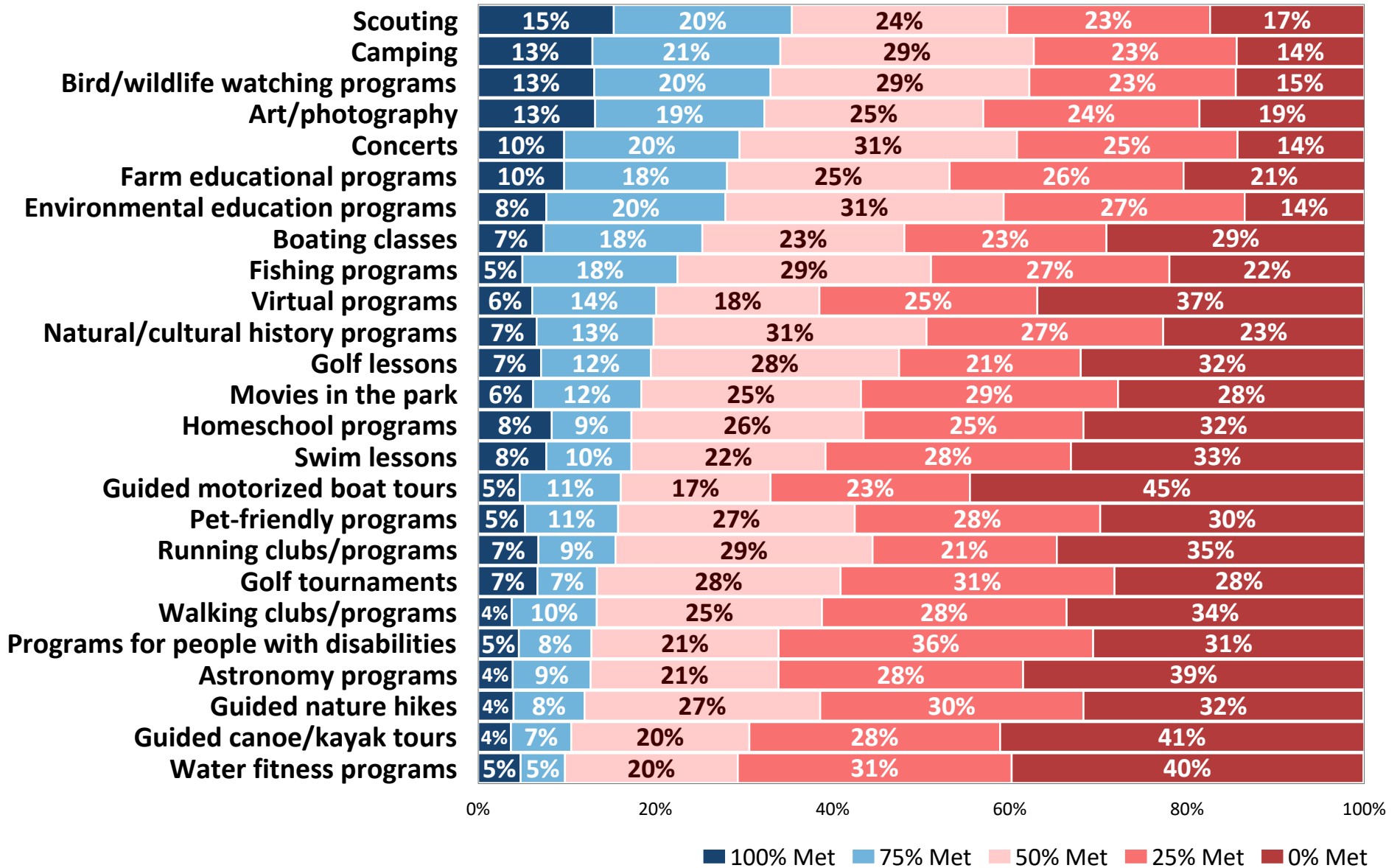
Estimated Number of Households With a Need for Parks & Recreation Programs

(based on the estimated number of households in the Huron-Clinton Metroparks Regional Park System=1,769,459)



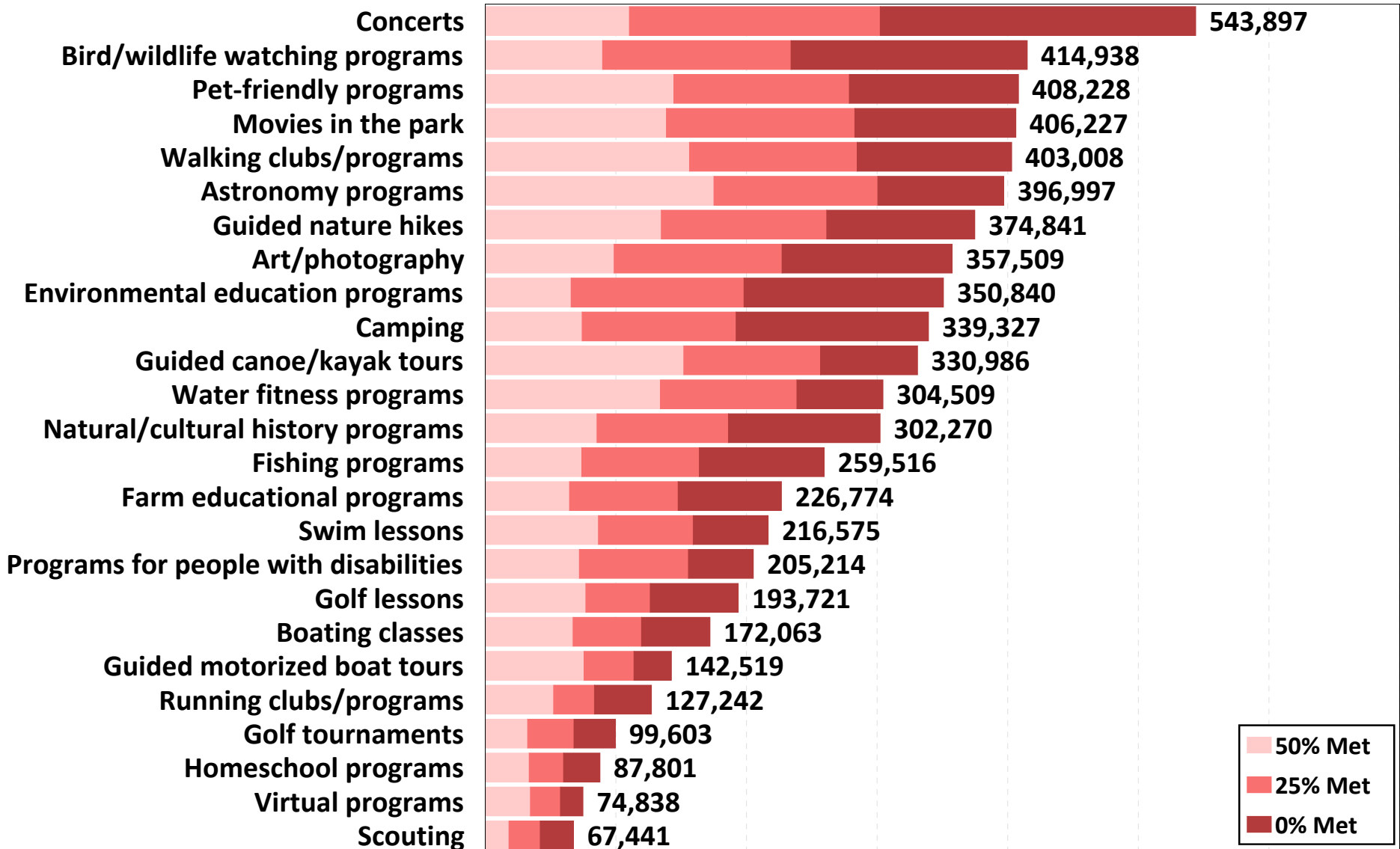
Q10. How Well Households Need For Programs in the Huron-Clinton Metroparks Regional Park System Are Being Met

by percentage of households that have a need for programs, using a 5-point scale, where 5 means 100% met and 1 means 0% met



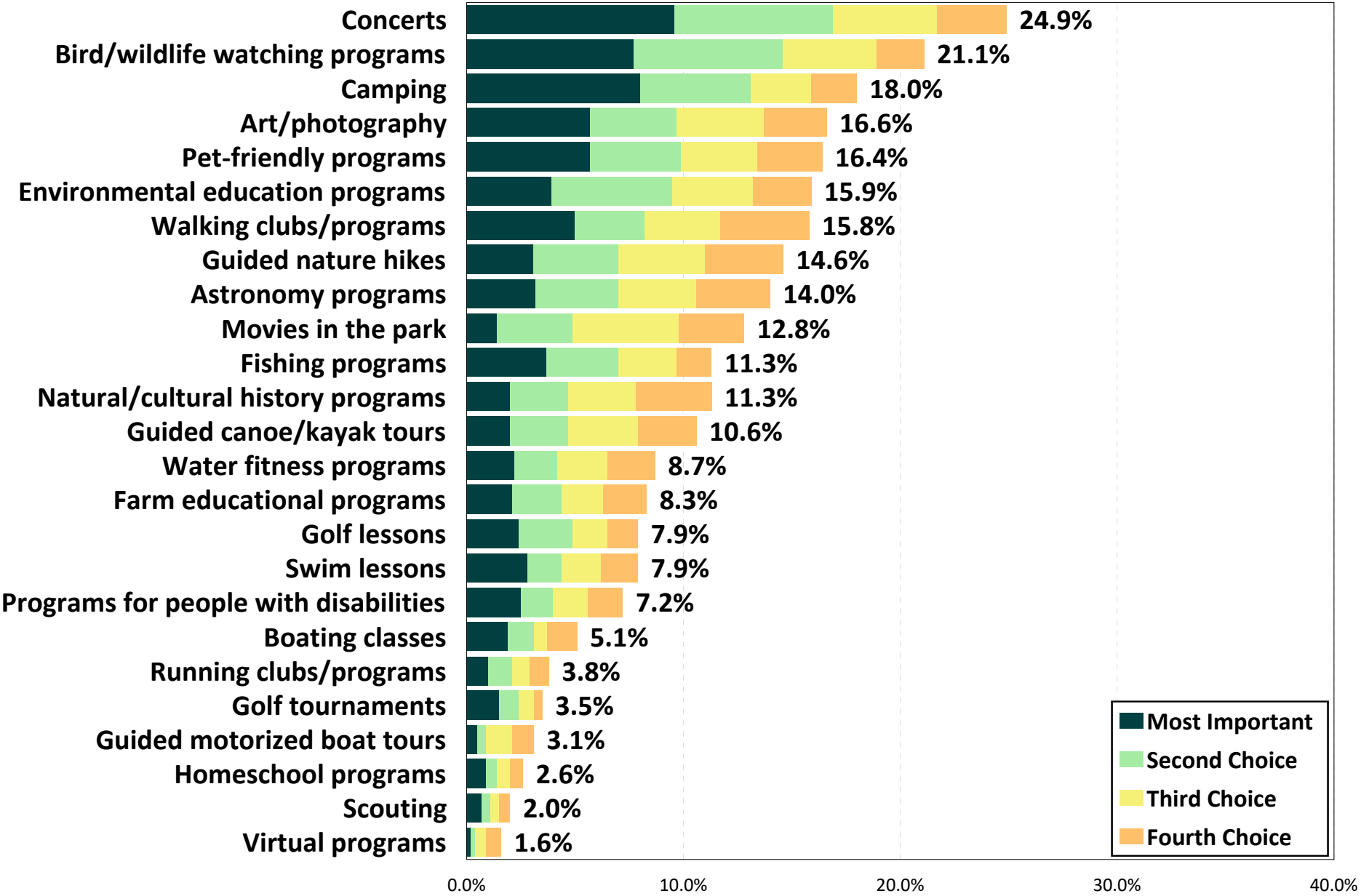
Estimated Number of Households Whose Needs for Programs Are Being Met 50% or Less

(based on the estimated number of households in the Huron-Clinton Metroparks Regional Park System=1,769,459)



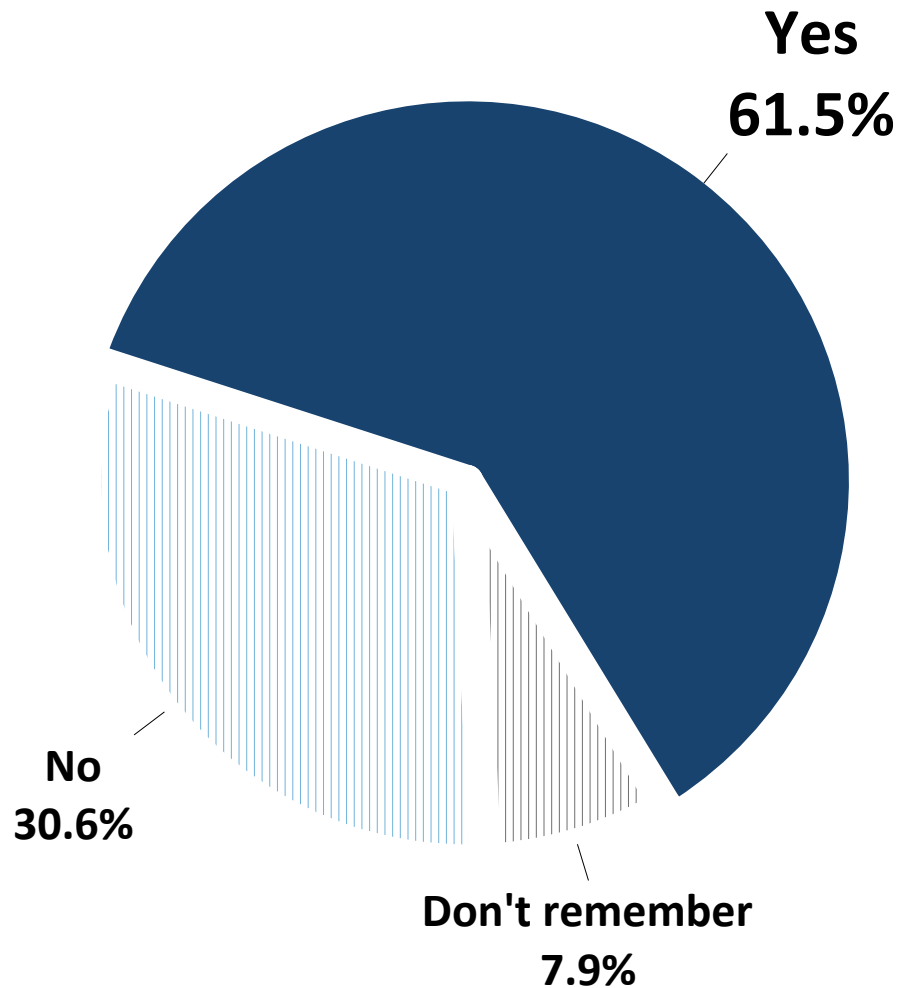
Q11. Programs Most Important to Households

by percentage of households that selected the items as one of their top four choices



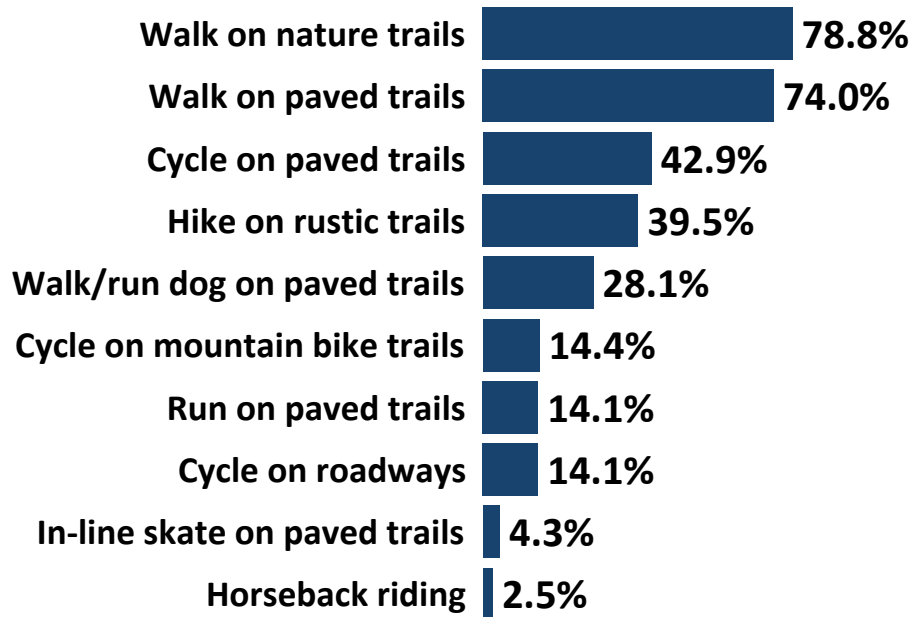
Q12. Have you or other members of your household used any of the trails operated by Huron-Clinton Metroparks during the past year?

by percentage of respondents



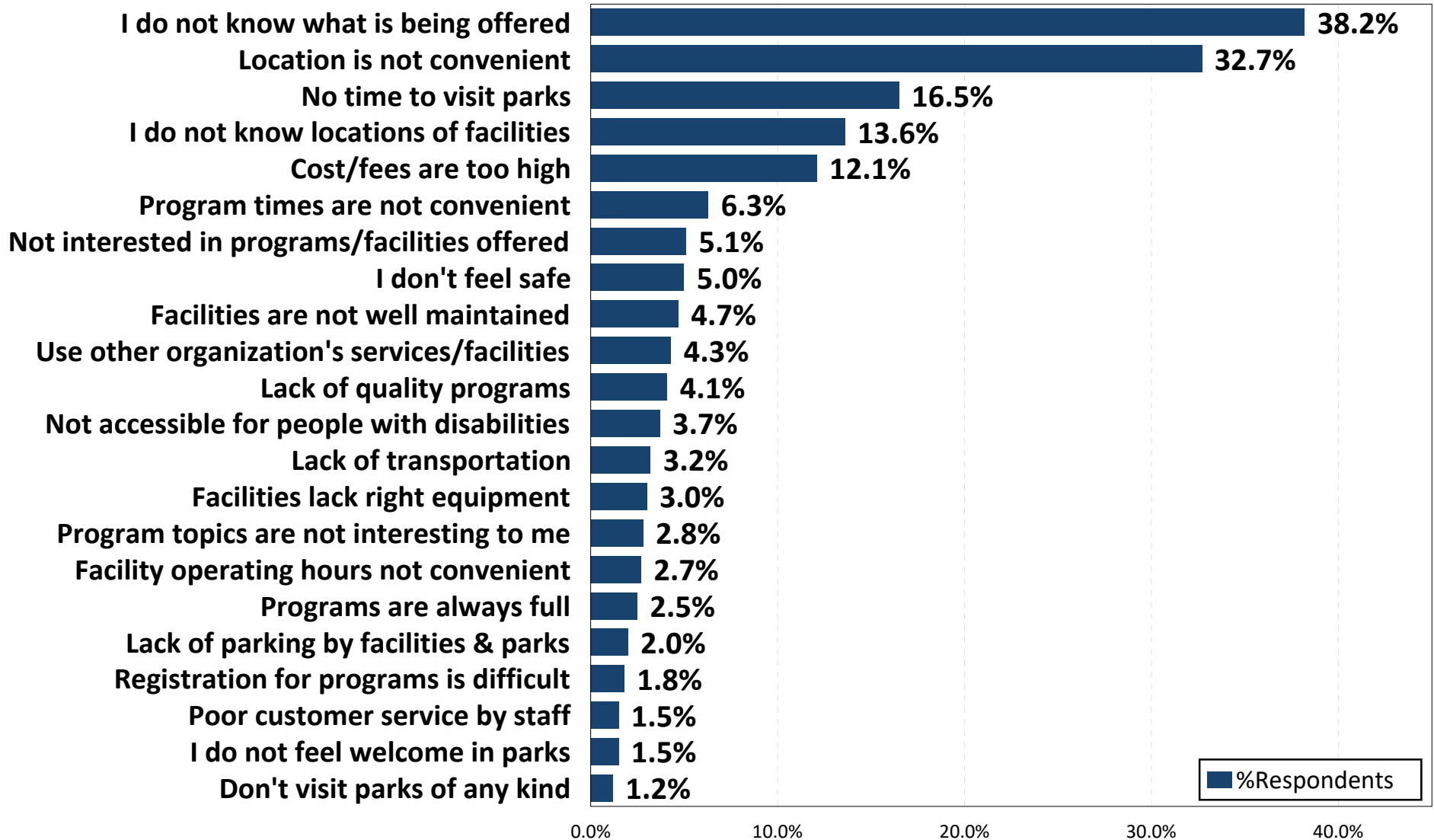
Q12a. Which of the following activities did you or other members of your household participate in on trails operated by Huron-Clinton Metroparks during the past year?

by percentage of respondents that respondent "yes" to Q12



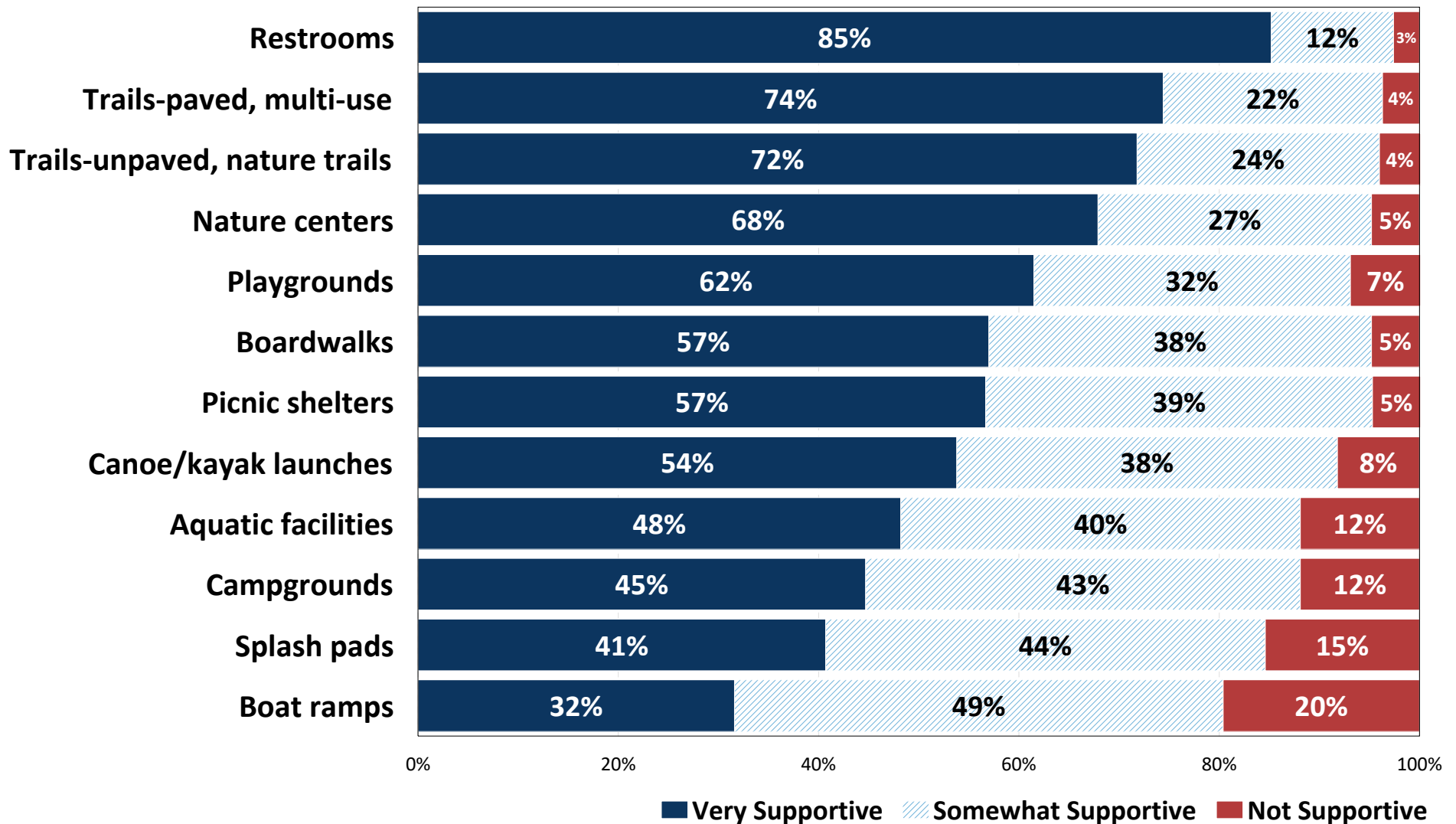
Q13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often.

by percentage of respondents (multiple choices could be selected)



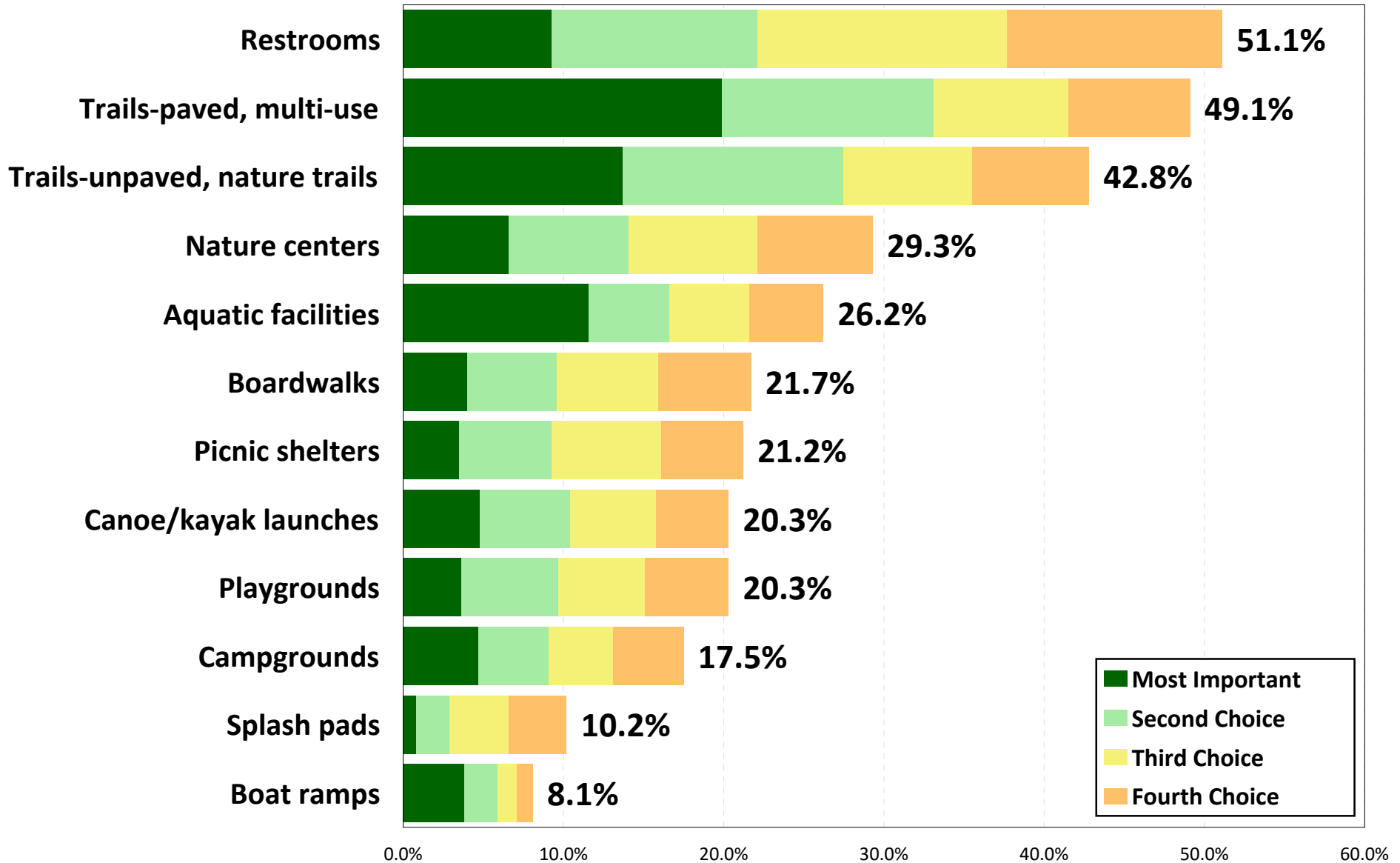
Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations.

by percentage of respondents, using a 3-point scale, where 3 means *most important* and 1 means *not supportive*
(excluding "don't know" responses)



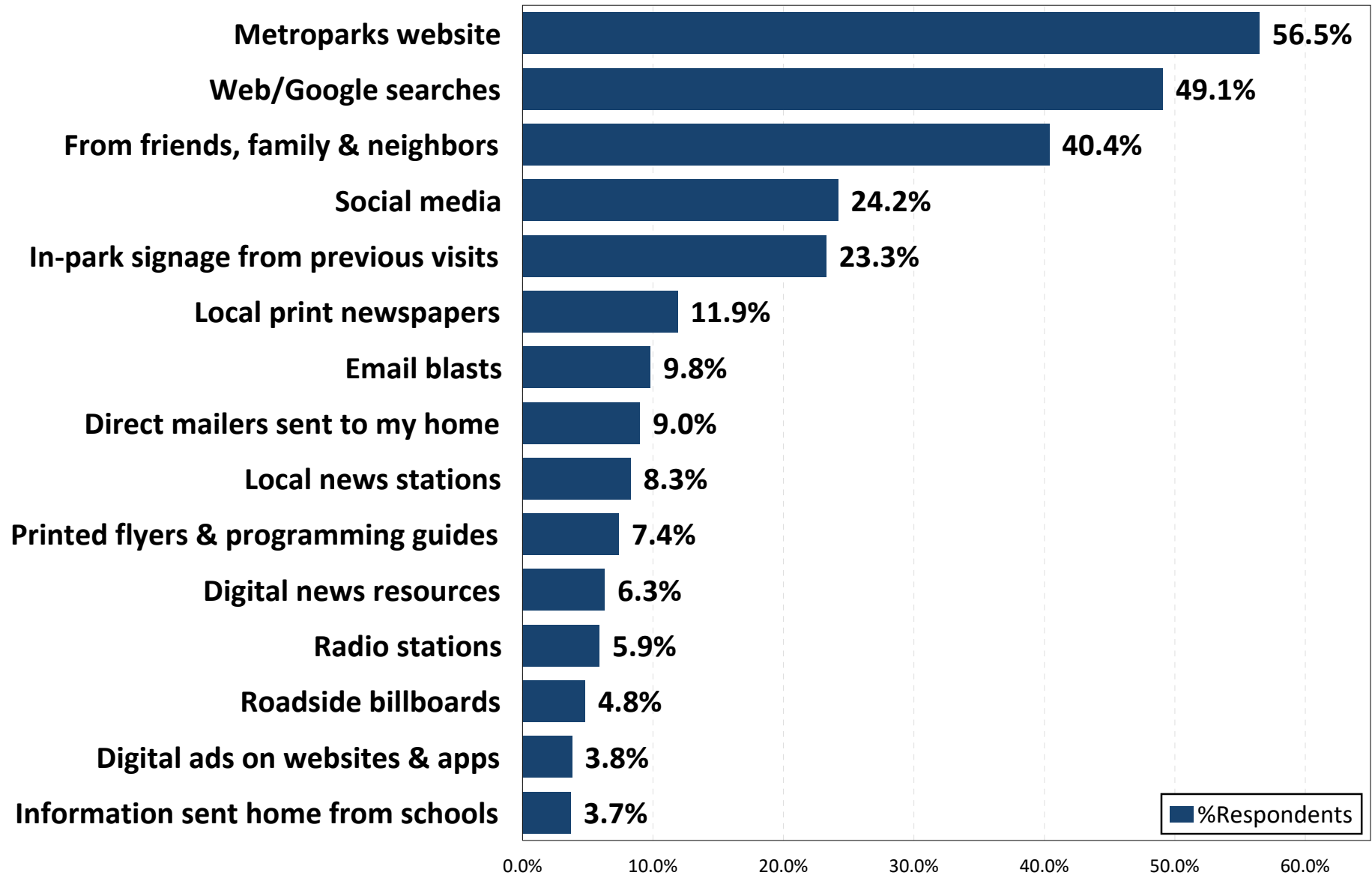
Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household?

by percentage of respondents that selected the items as one of their top four choices



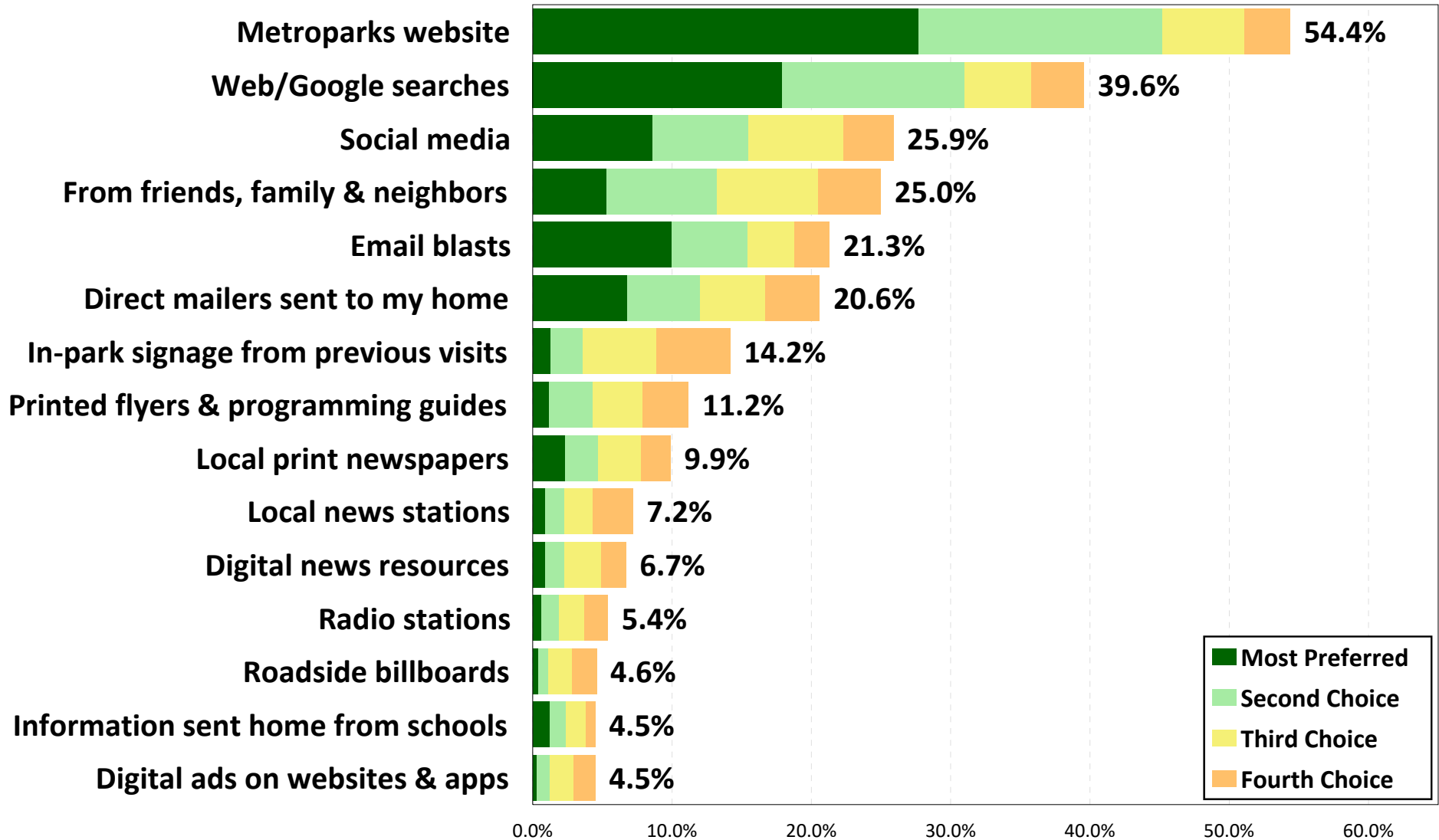
Q16. Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

by percentage of respondents (multiple choices could be selected)



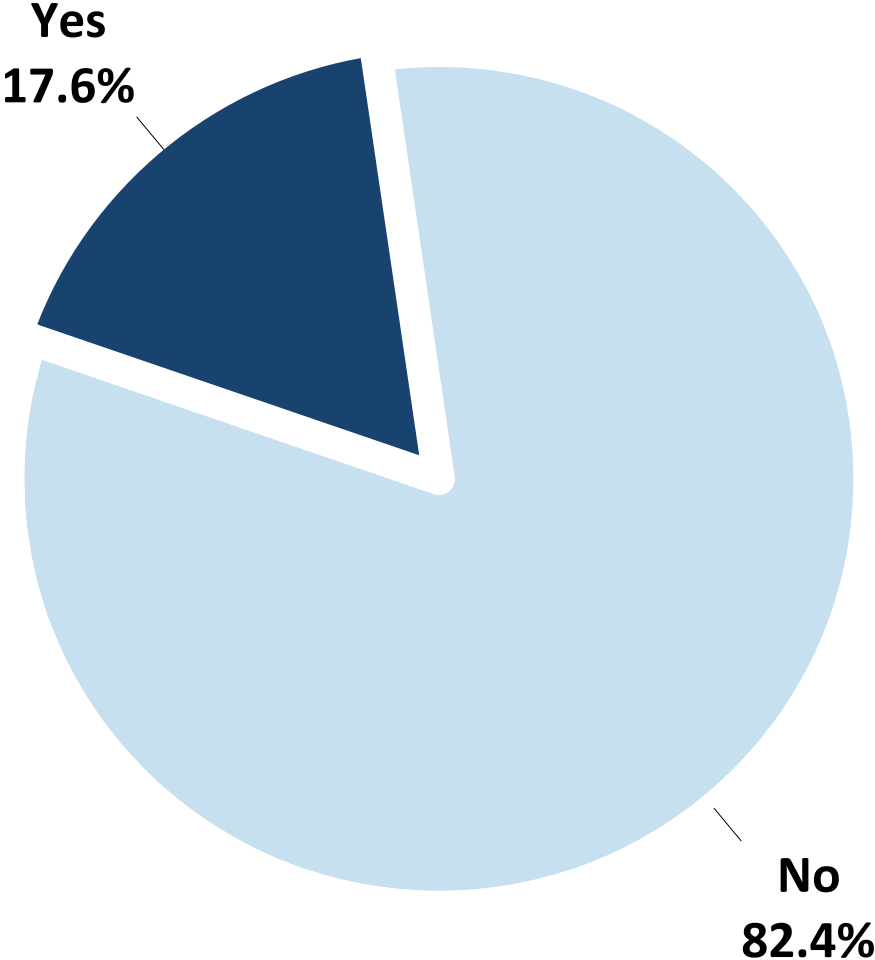
Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services?

by percentage of respondents that selected the items as one of their top four choices



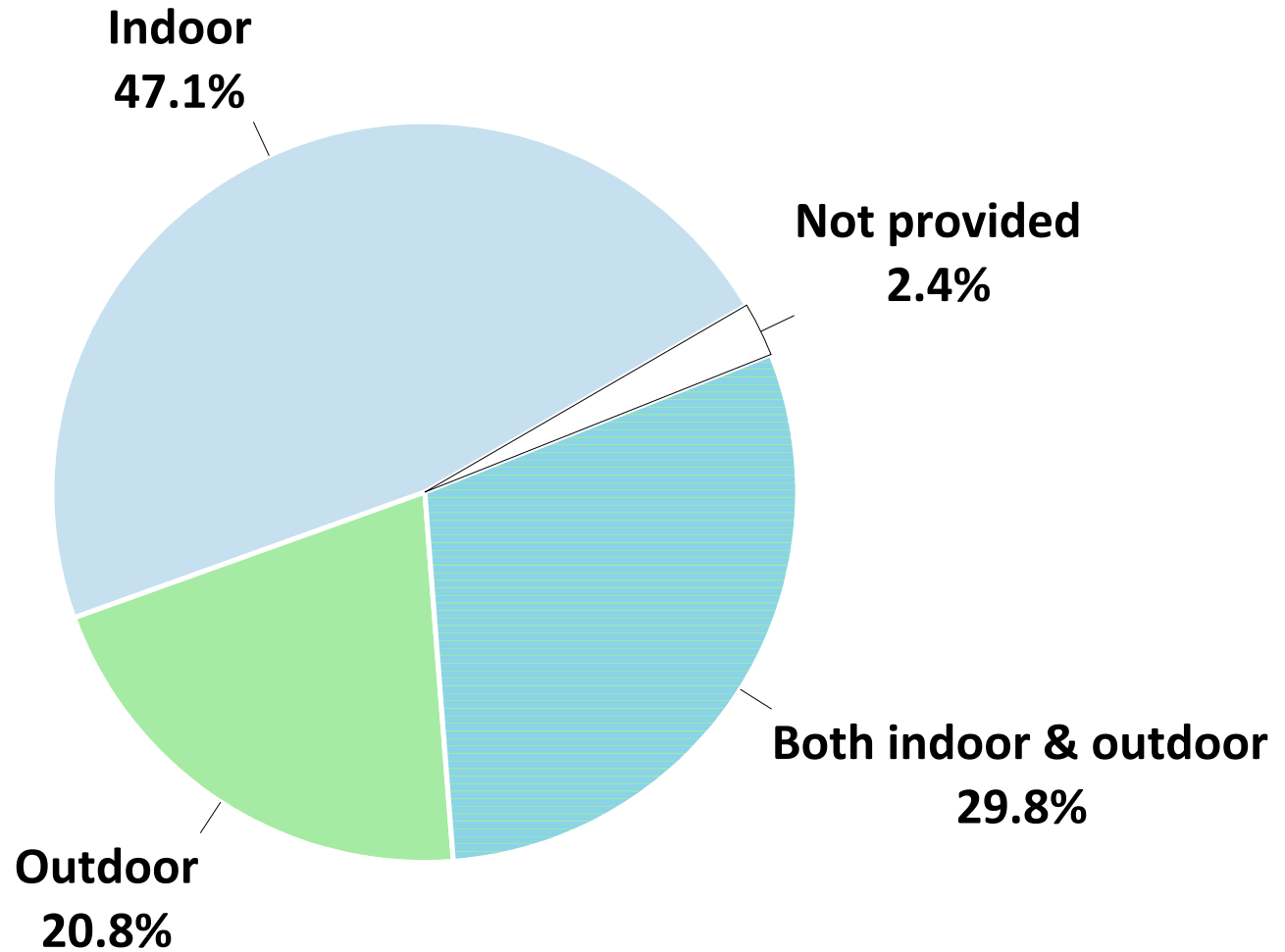
Q18. Are you or other members of your household currently using any indoor or outdoor aquatic facilities?

by percentage of respondents



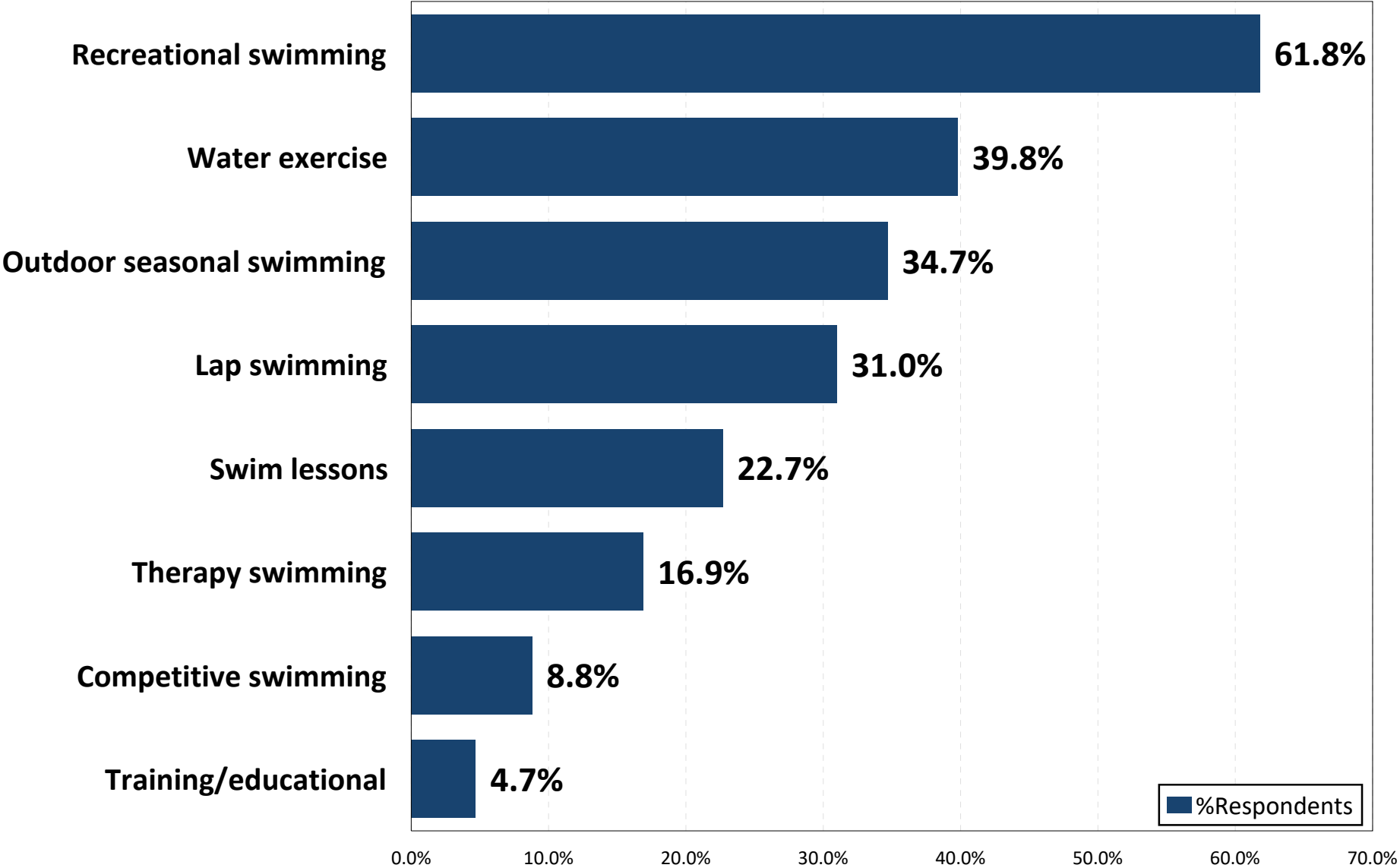
Q18a. What type of aquatic facilities are you currently using?

by percentage of respondents that responded "yes" to Q18



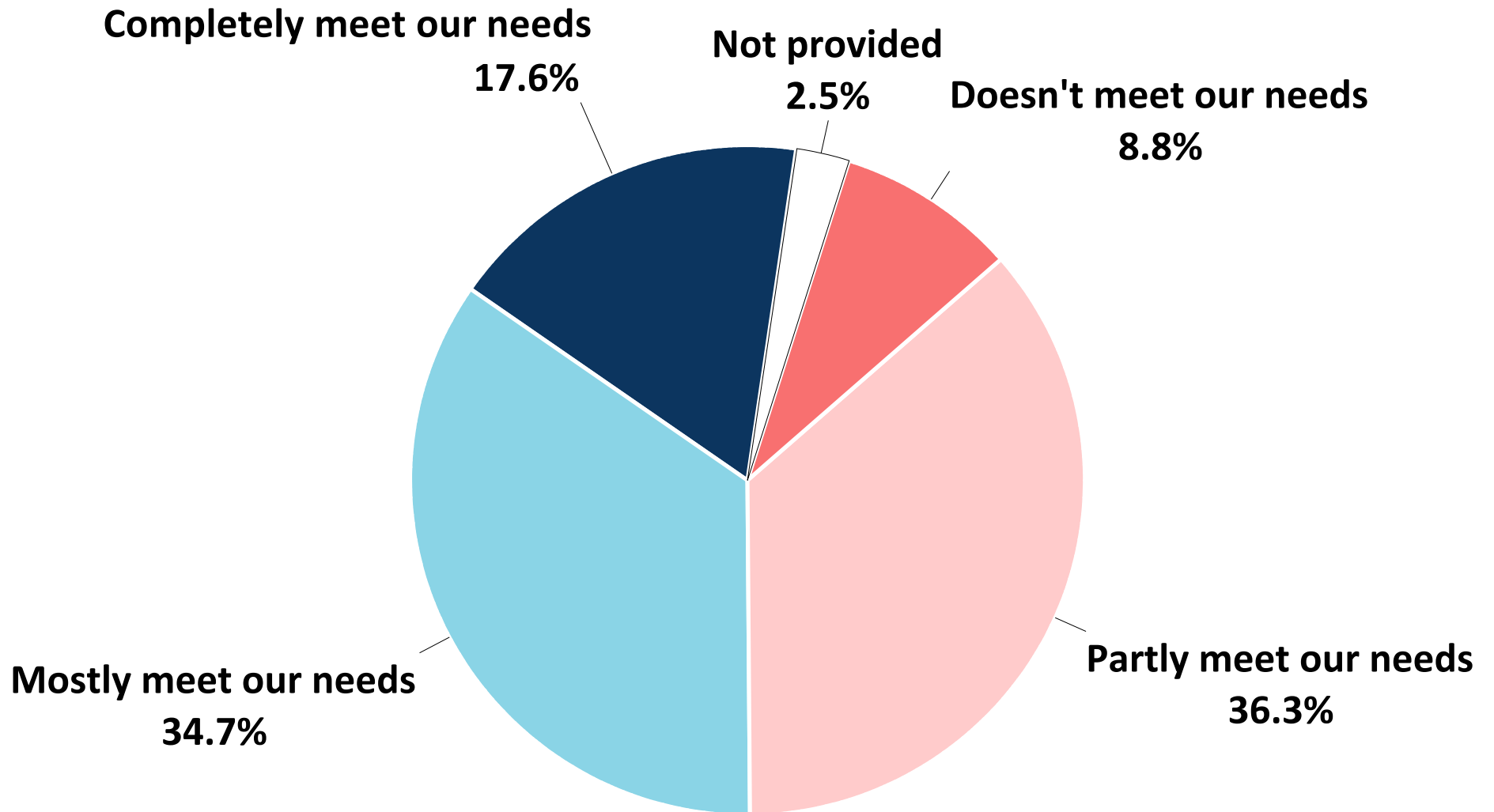
Q18b. What types of swimming do you or members of your household participate in?

by percentage of respondents that responded "yes" to Q18



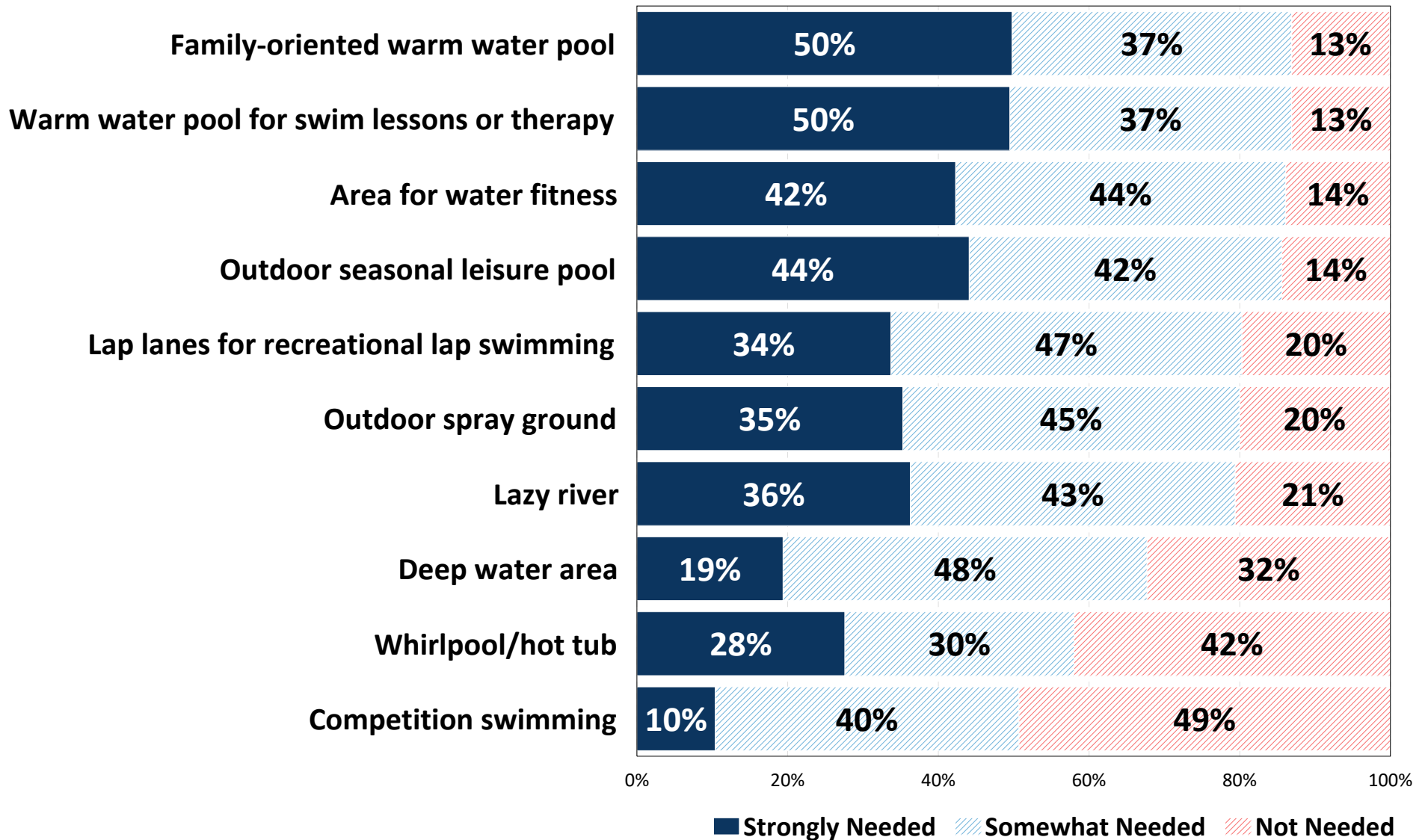
Q18c. How well do existing aquatic facilities meet the needs of your household?

by percentage of respondents that responded "yes" to Q18



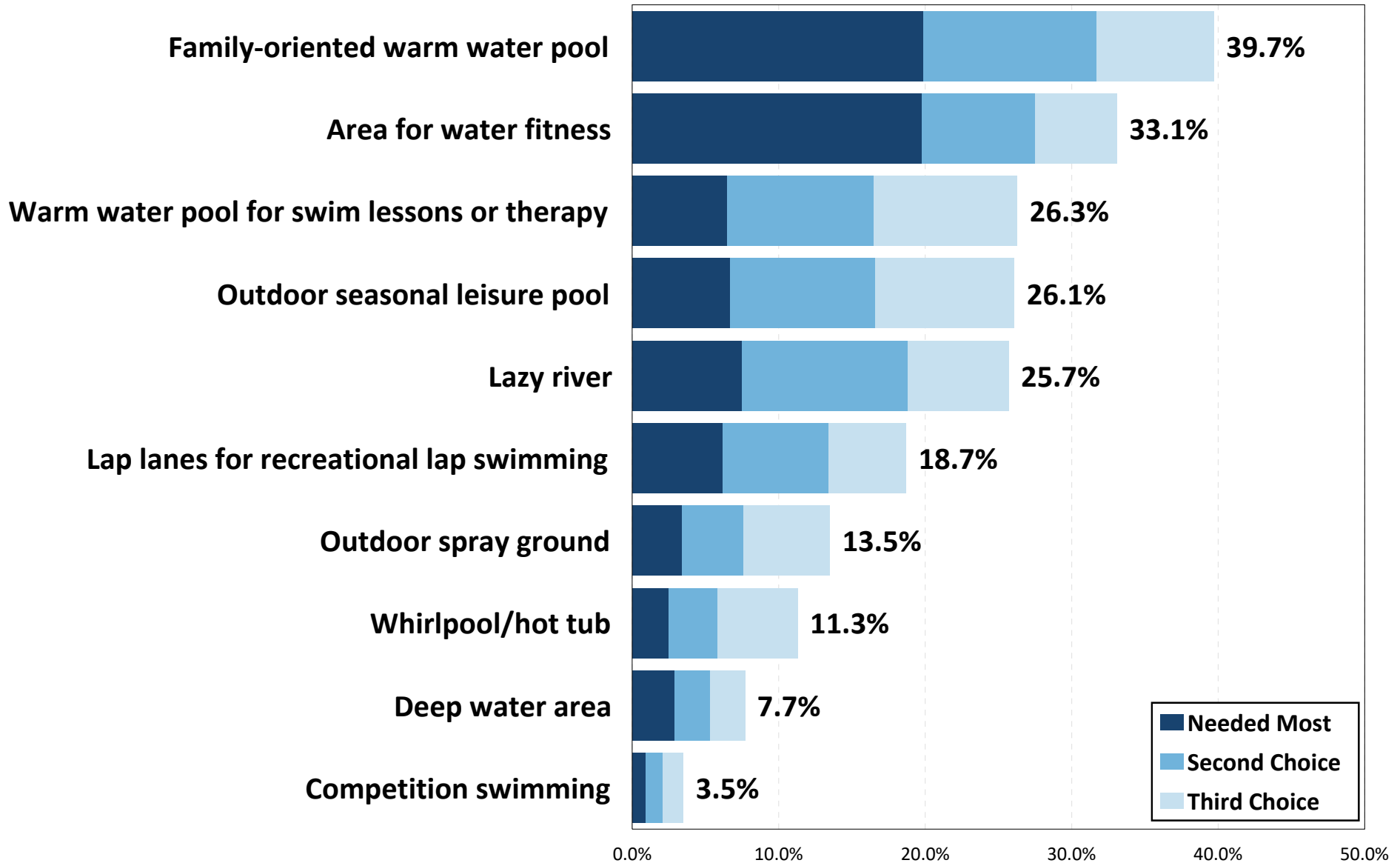
Q19. Aquatic Features Households Think Are Strongly Needed, Somewhat Needed, or Not Needed in the Community

by percentage of respondents, using a 3-point scale, where 3 means *strongly needed* and 1 means *not needed*
(excluding “not sure” responses)



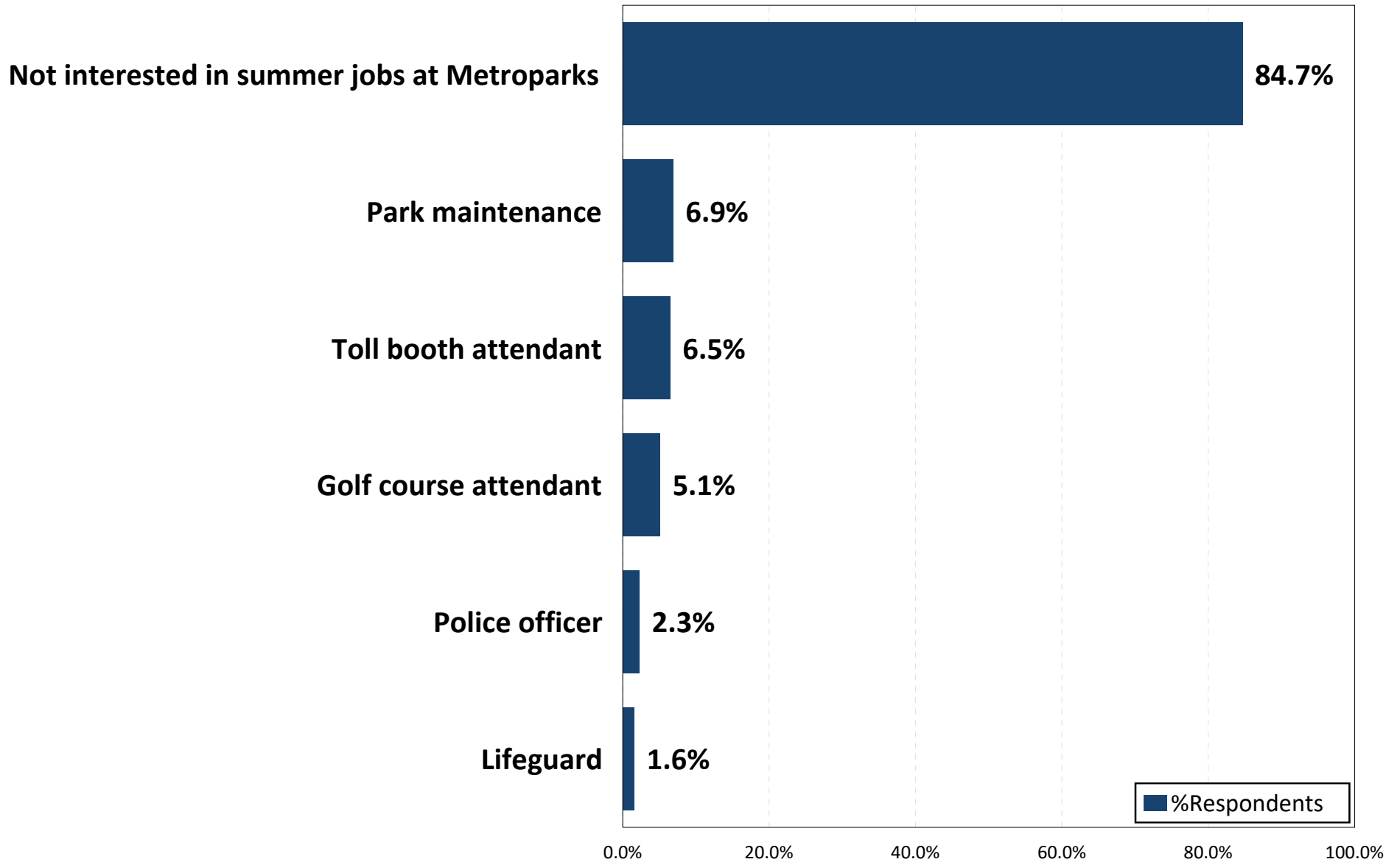
Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community?

by percentage of respondents that selected the items as one of their top four choices



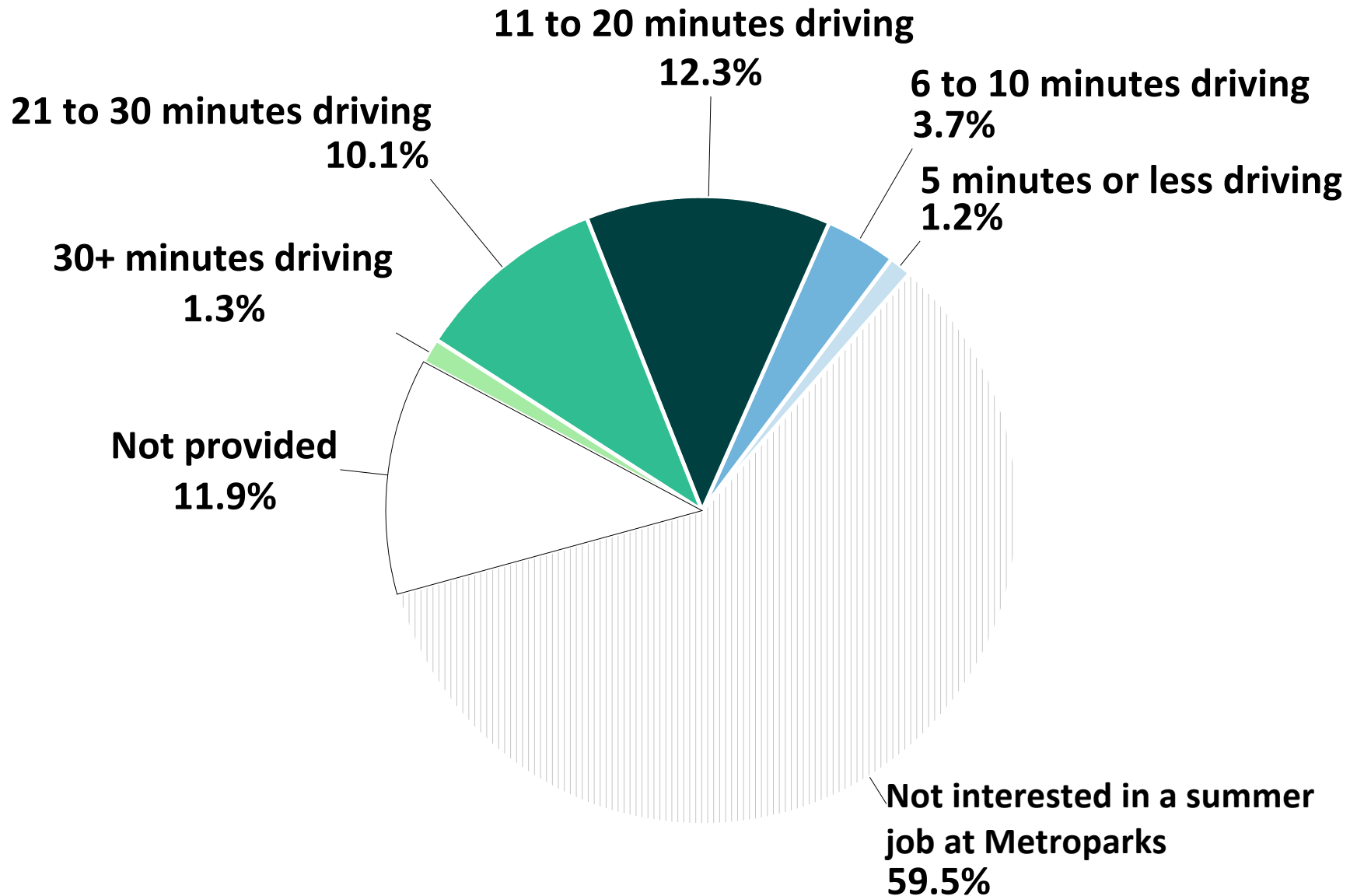
Q21. Would you be interested in any of the following summer jobs at Metroparks?

by percentage of respondents



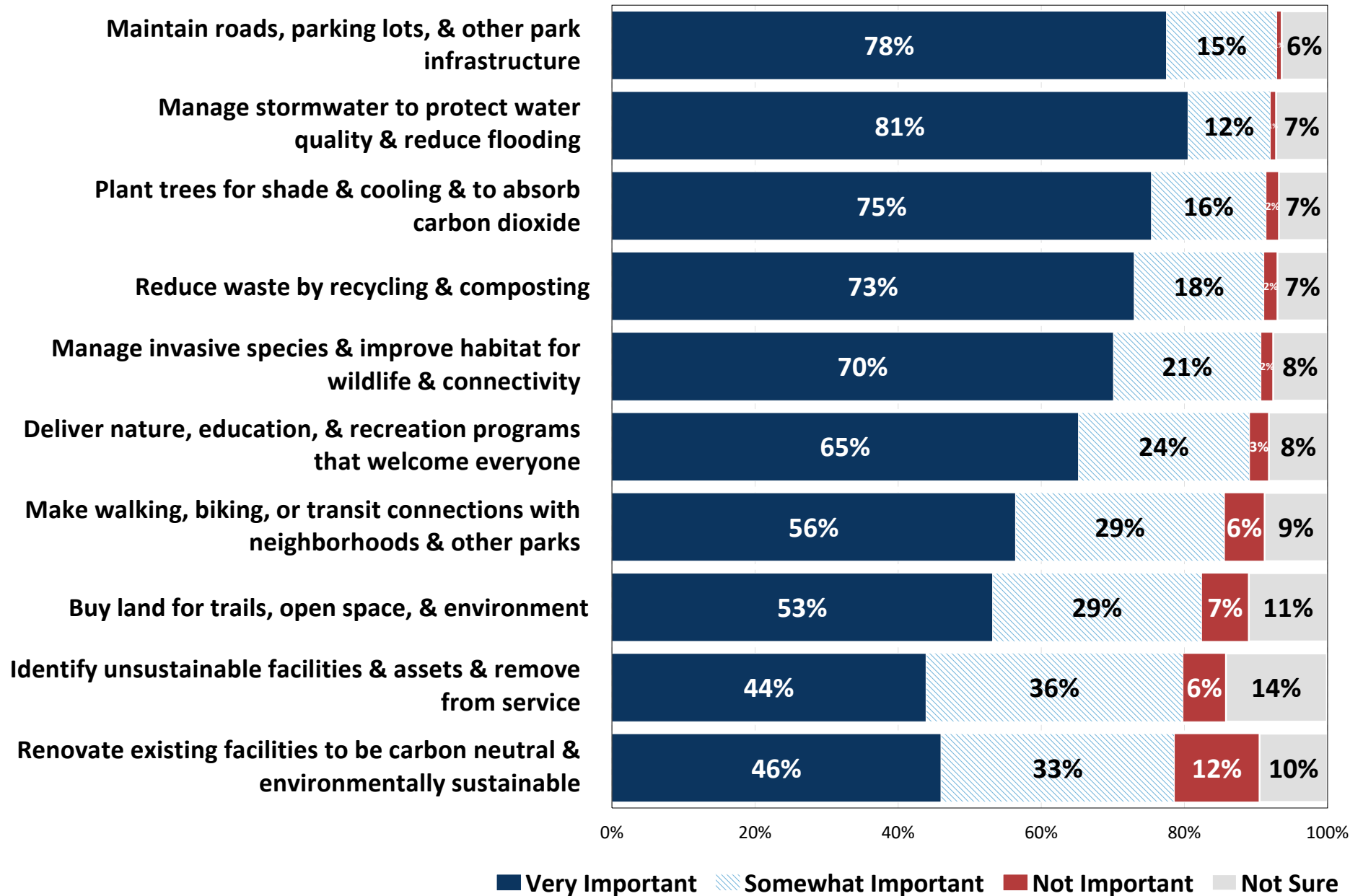
Q22. What is the maximum distance you would be willing to travel to work at a summer job at Metroparks?

by percentage of respondents



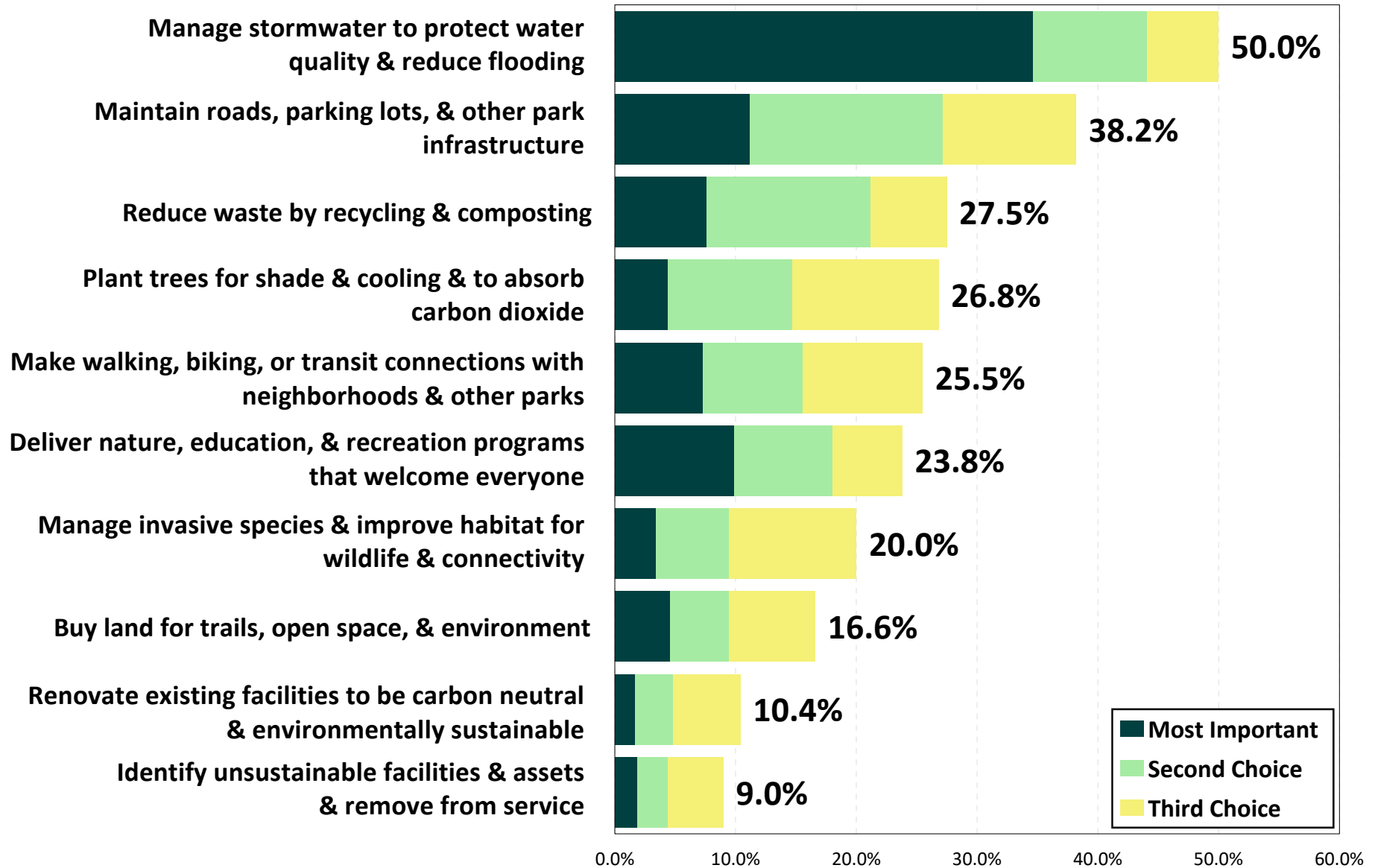
Q24. Please rate the importance of the following sustainable themes.

by percentage of respondents, using a 3-point scale, where 3 means *very important* and 1 means *not important*



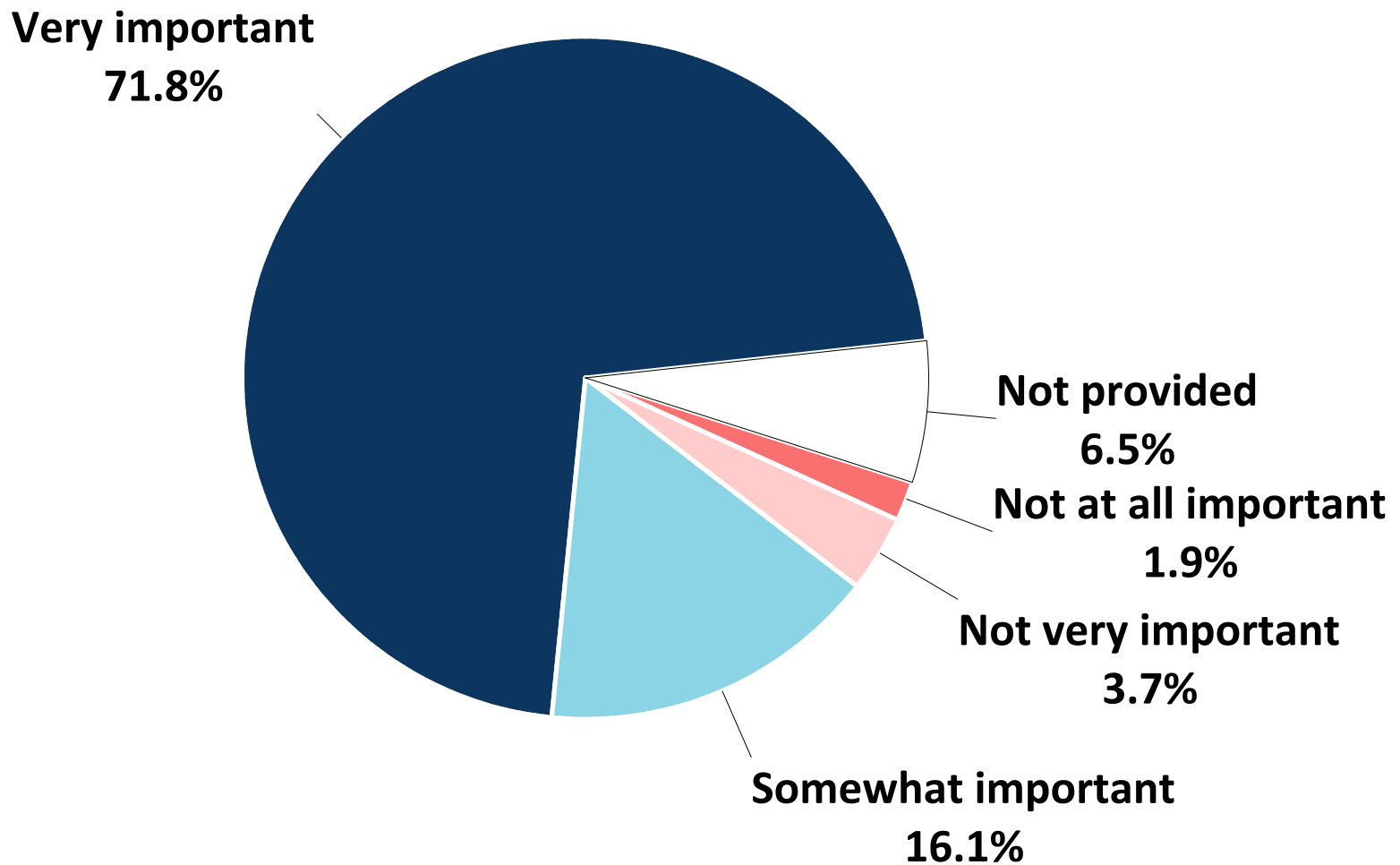
Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community?

by percentage of respondents that selected the items as one of their top three choices



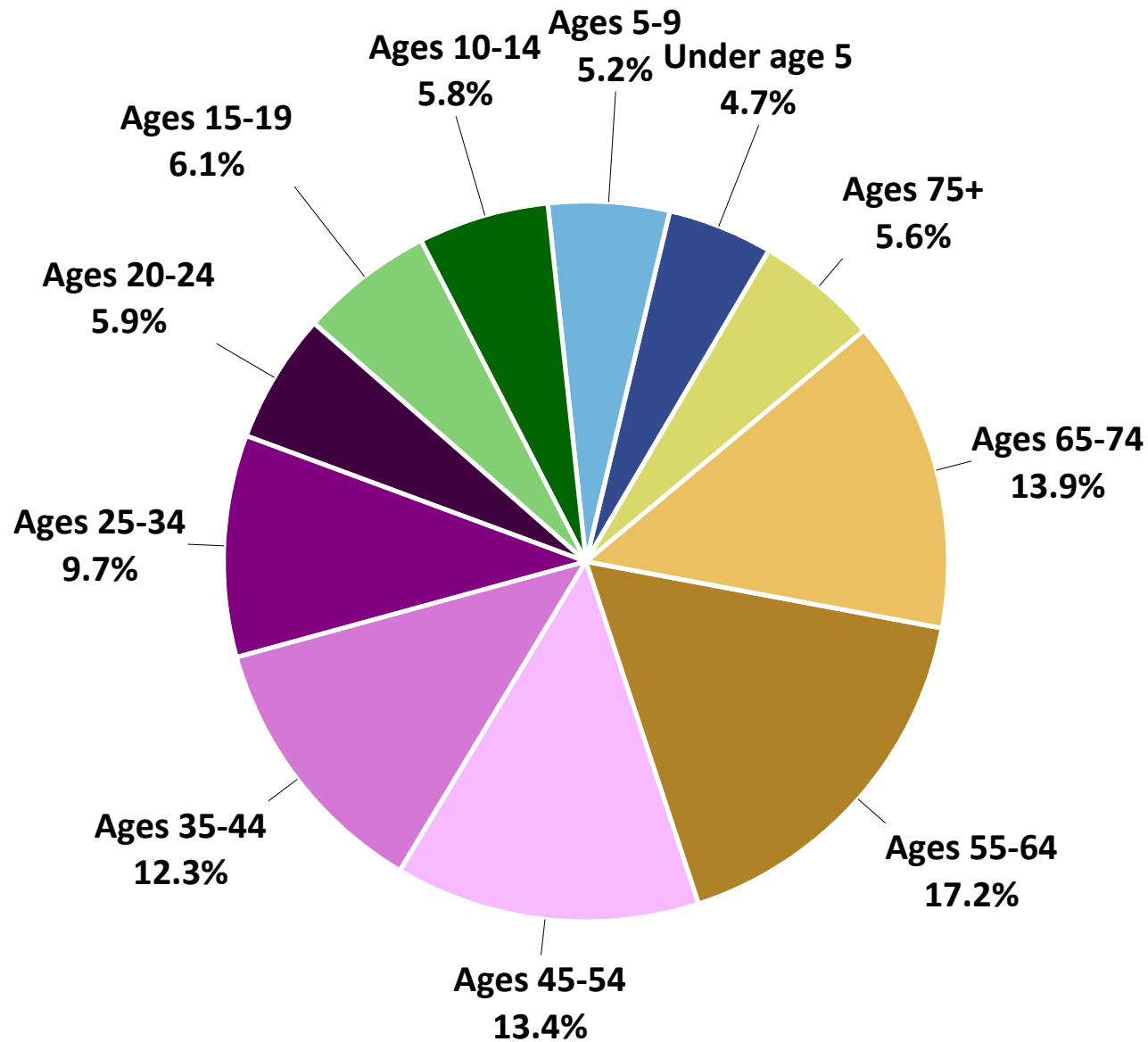
Q26. Since the beginning of the Pandemic (early 2020), how important have parks, trails, and open space been to improving mental health and physical health and fitness?

by percentage of respondents



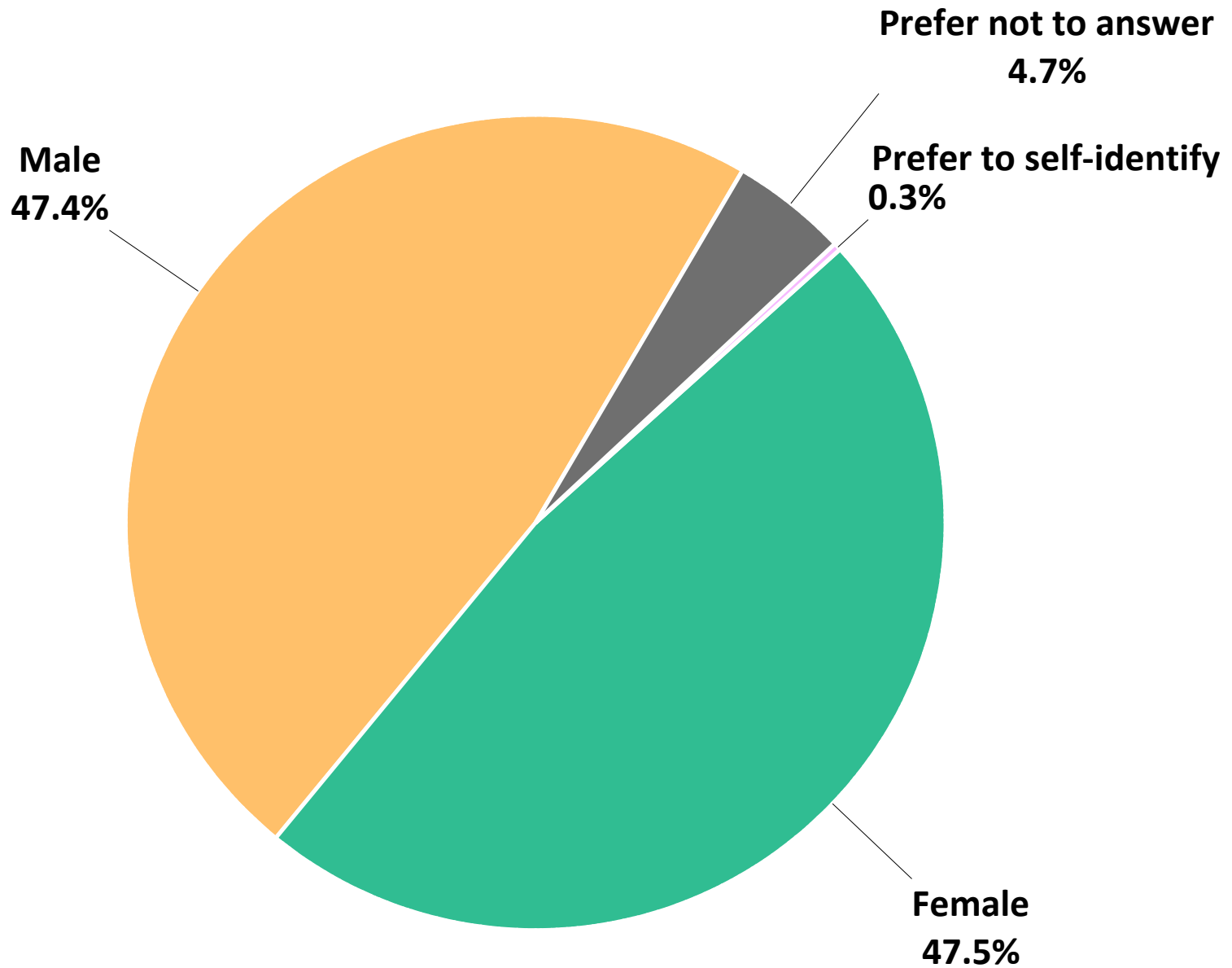
Demographics: Q27. Counting yourself, how many people in your household are...

by percentage of respondents



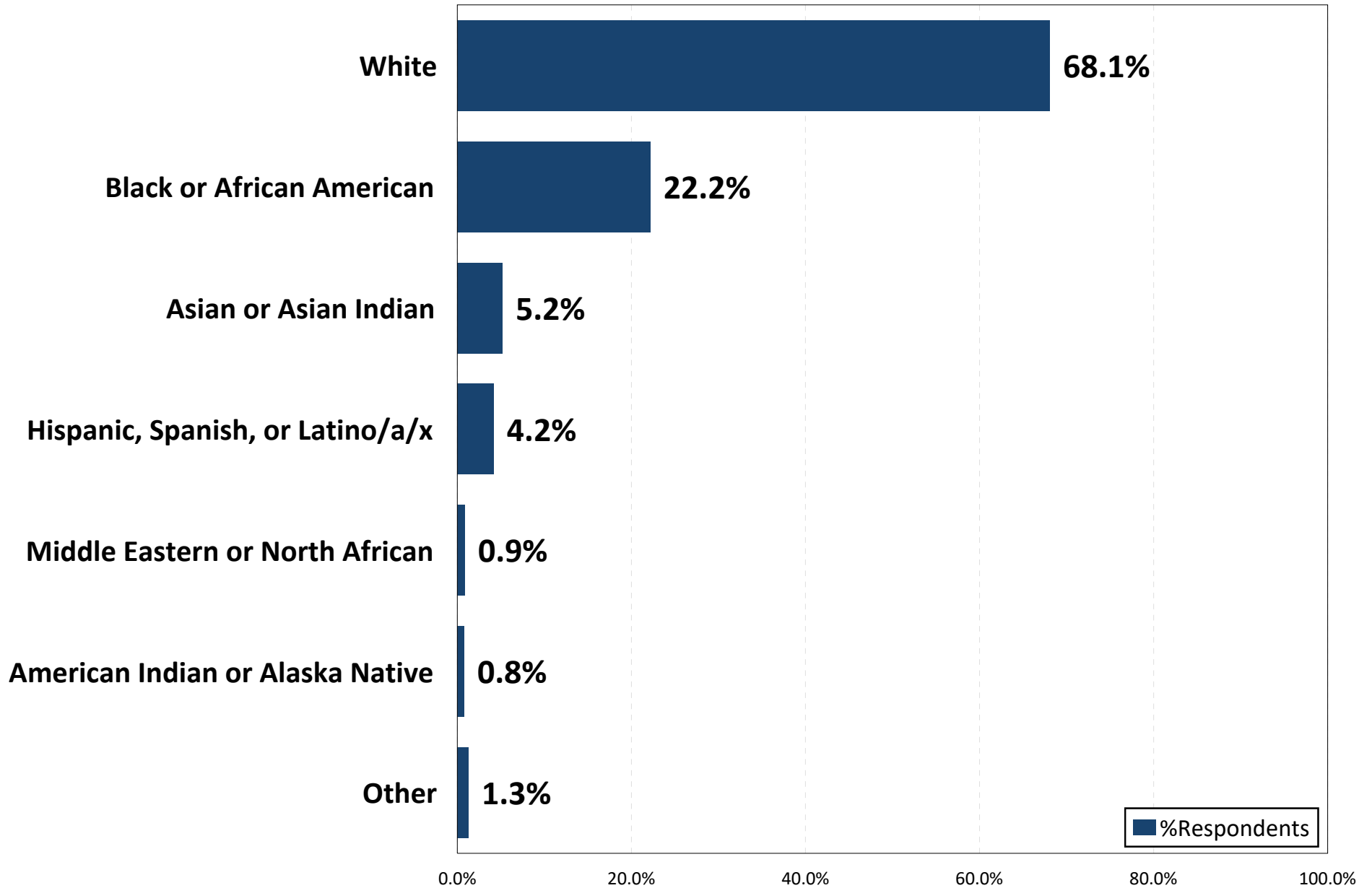
Demographics: Q28. Your gender:

by percentage of respondents



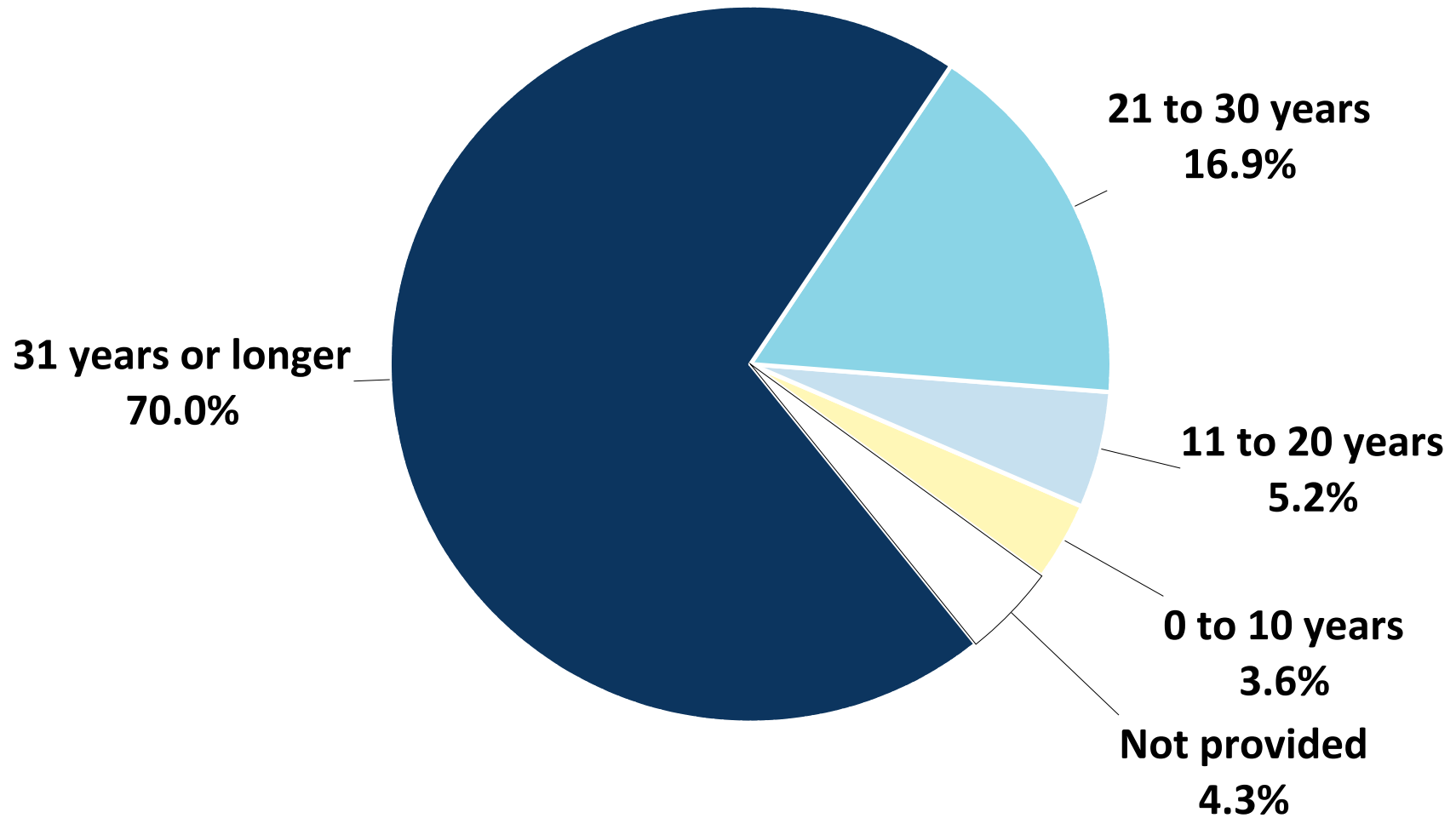
Q29. Which of the following best describes your race?

by percentage of respondents



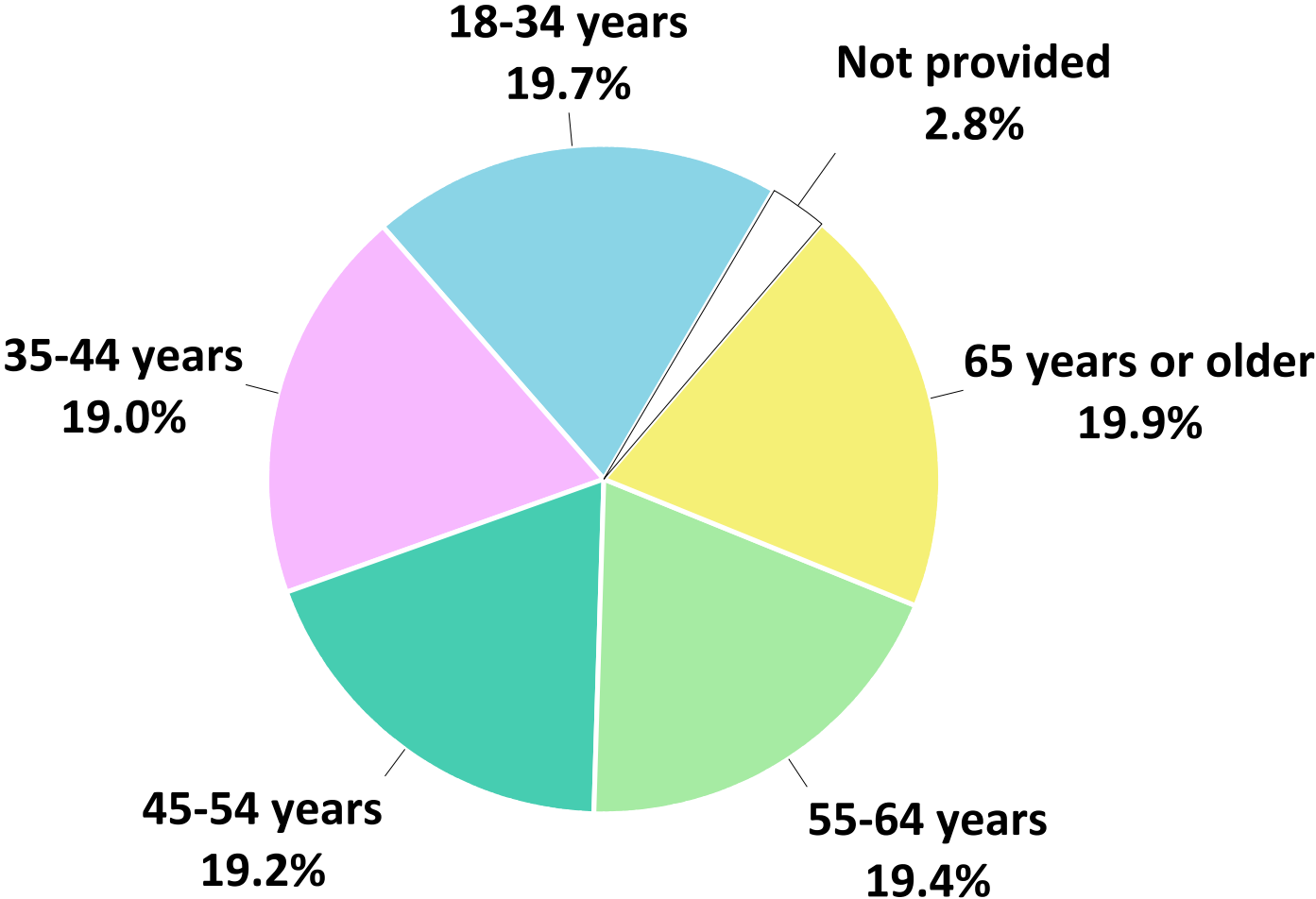
Demographics: Q30. How long have you lived in Southeast Michigan?

by percentage of respondents



Demographics: Q31. What is your age?

by percentage of respondents



Section 3: Benchmark Analysis

Benchmark Analysis

Since 1998, ETC Institute has conducted household surveys for needs assessments, feasibility studies, customer satisfaction, fees and charges comparisons, and other parks and recreation issues in more than 500 communities in 49 states across the country. The results of these surveys have provided an unparalleled data base of information to compare responses from household residents in client communities to “National Averages” and therefore provide a unique tool to “assist organizations in better decision making.”

Communities within the data base include a full range of municipal and county governments from 20,000 in population through over 1 million in population. They include communities in warm weather climates and cold weather climates, mature communities and some of the fastest growing cities and counties in the country.

“National Averages” have been developed for numerous strategically important parks and recreation planning and management issues including: customer satisfaction and usage of parks and programs; methods for receiving marketing information; reasons that prevent members of households from using parks and recreation facilities more often; priority recreation programs, parks, facilities and trails to improve or develop; priority programming spaces to have in planned community centers and aquatic facilities; potential attendance for planned indoor community centers and outdoor aquatic centers; etc.

To keep the benchmarking data base current with changing trends, ETC Institute’s benchmarking data base is updated on a regular basis. The “National Average” included on the following pages only include the results of surveys ETC Institute has administered over the past five years.

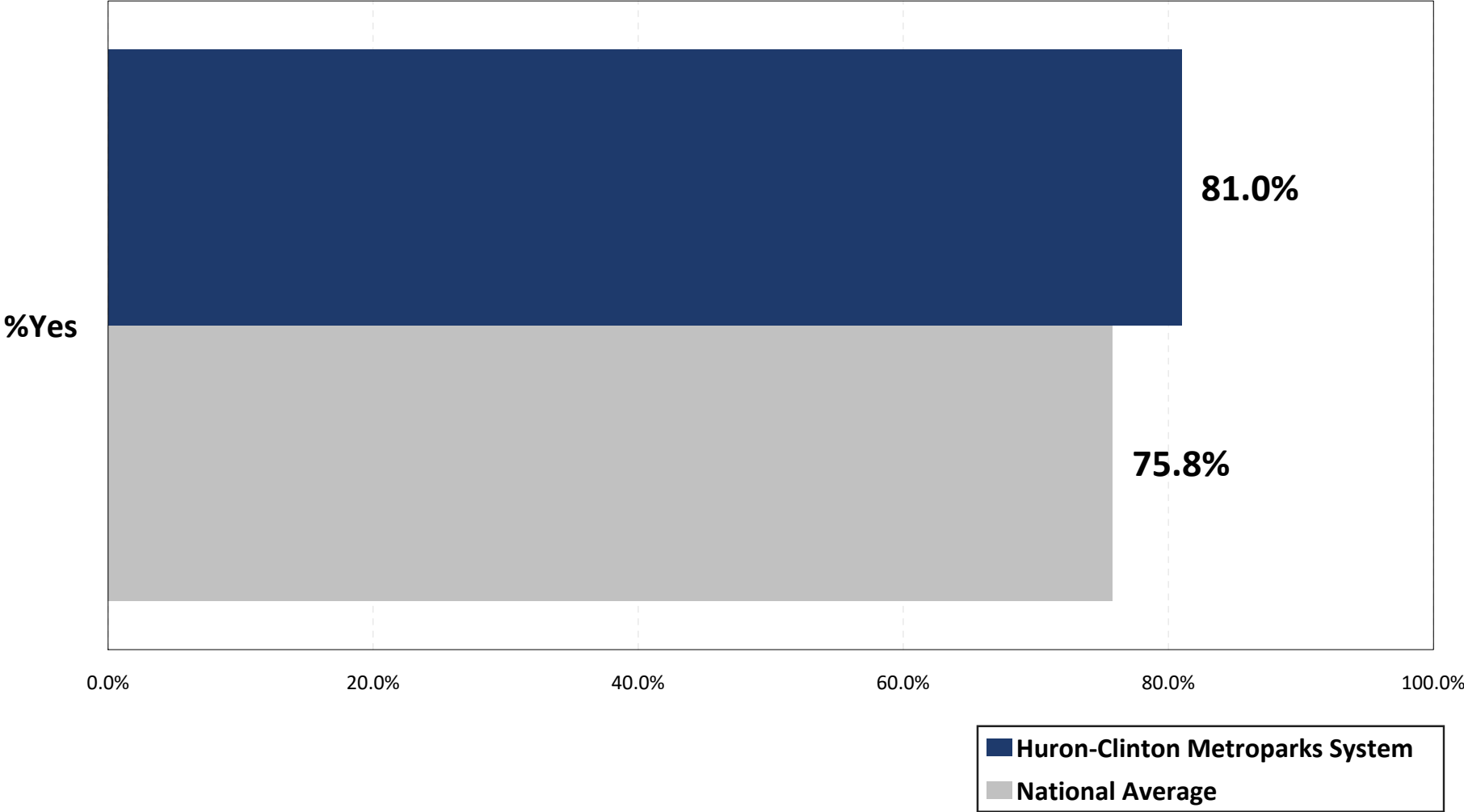
Results from household responses for Huron-Clinton Metroparks system were compared to National Benchmarks to gain further strategic information. Graphs of all tabular comparisons are on the following pages.

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Benchmark: Percent of households who have visited parks and recreation facilities operated by local governments in their community during the past year

Huron-Clinton Metroparks System (2022) vs. the National Average

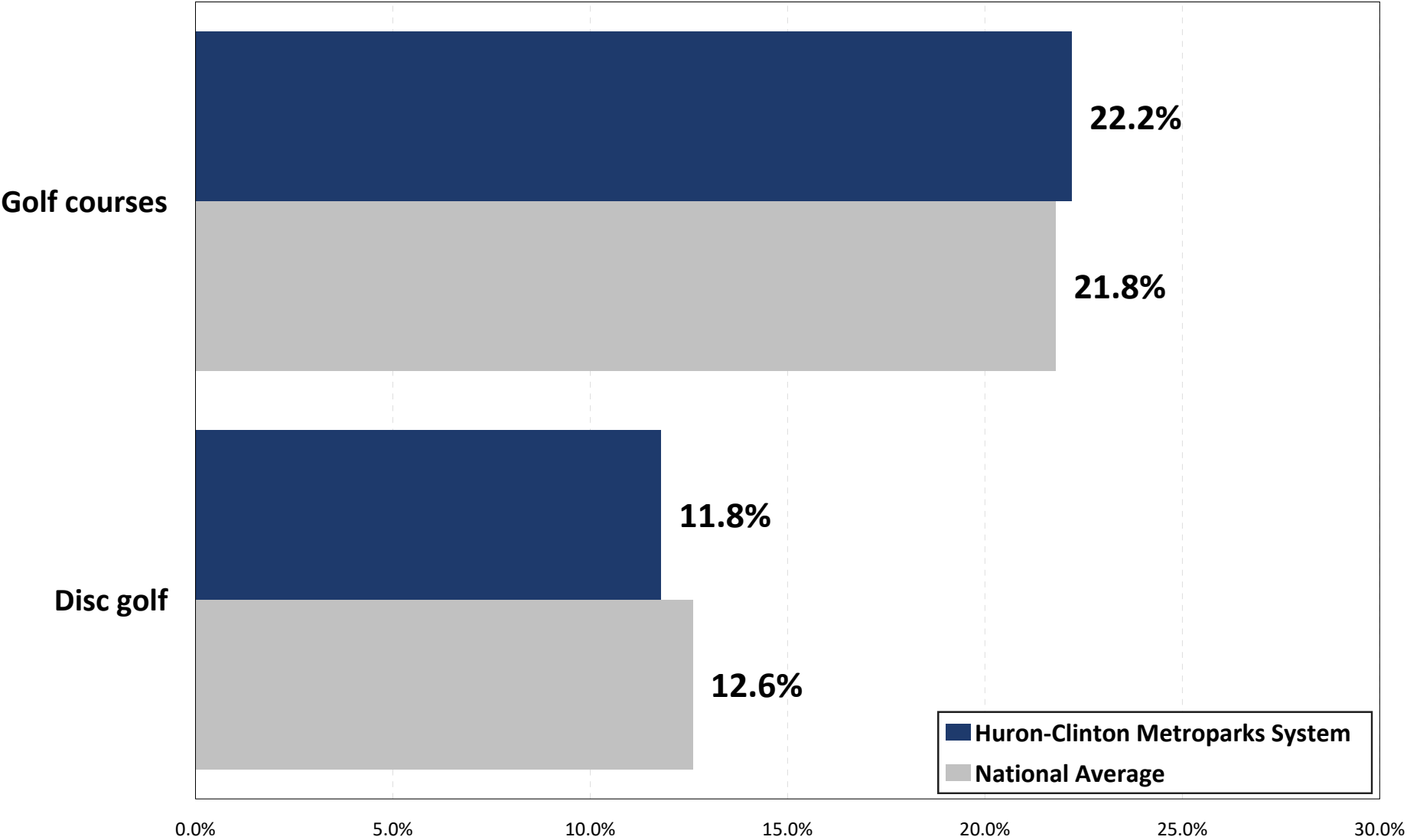
by percentage of respondents



Benchmark: Percent of Respondents That Have Needs for Sports Facilities

Huron-Clinton Metroparks System (2022) vs. the National Average

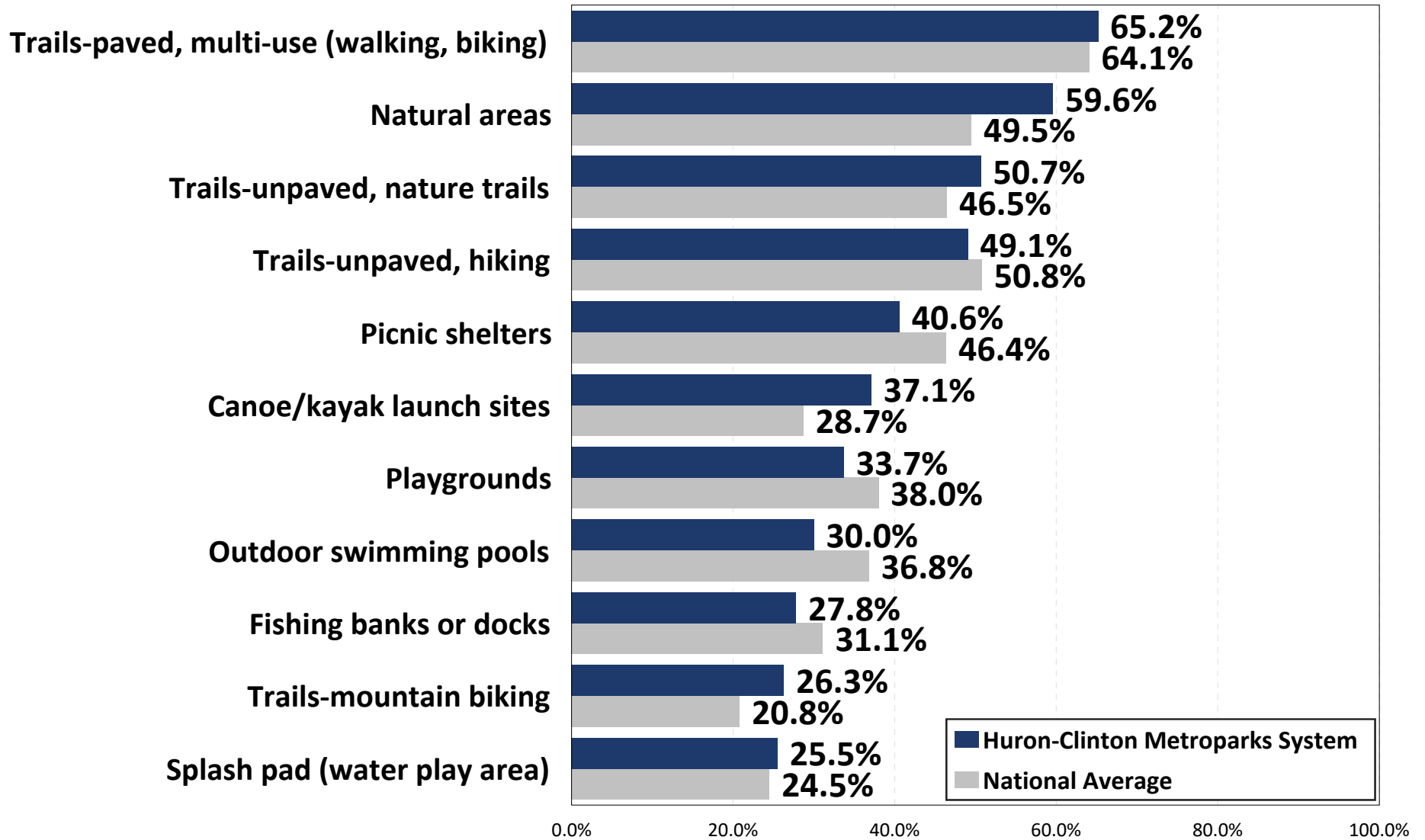
by percentage of respondents



Benchmark: Percent of Respondents That Have Needs for Recreation Facilities

Huron-Clinton Metroparks System (2022) vs. the National Average

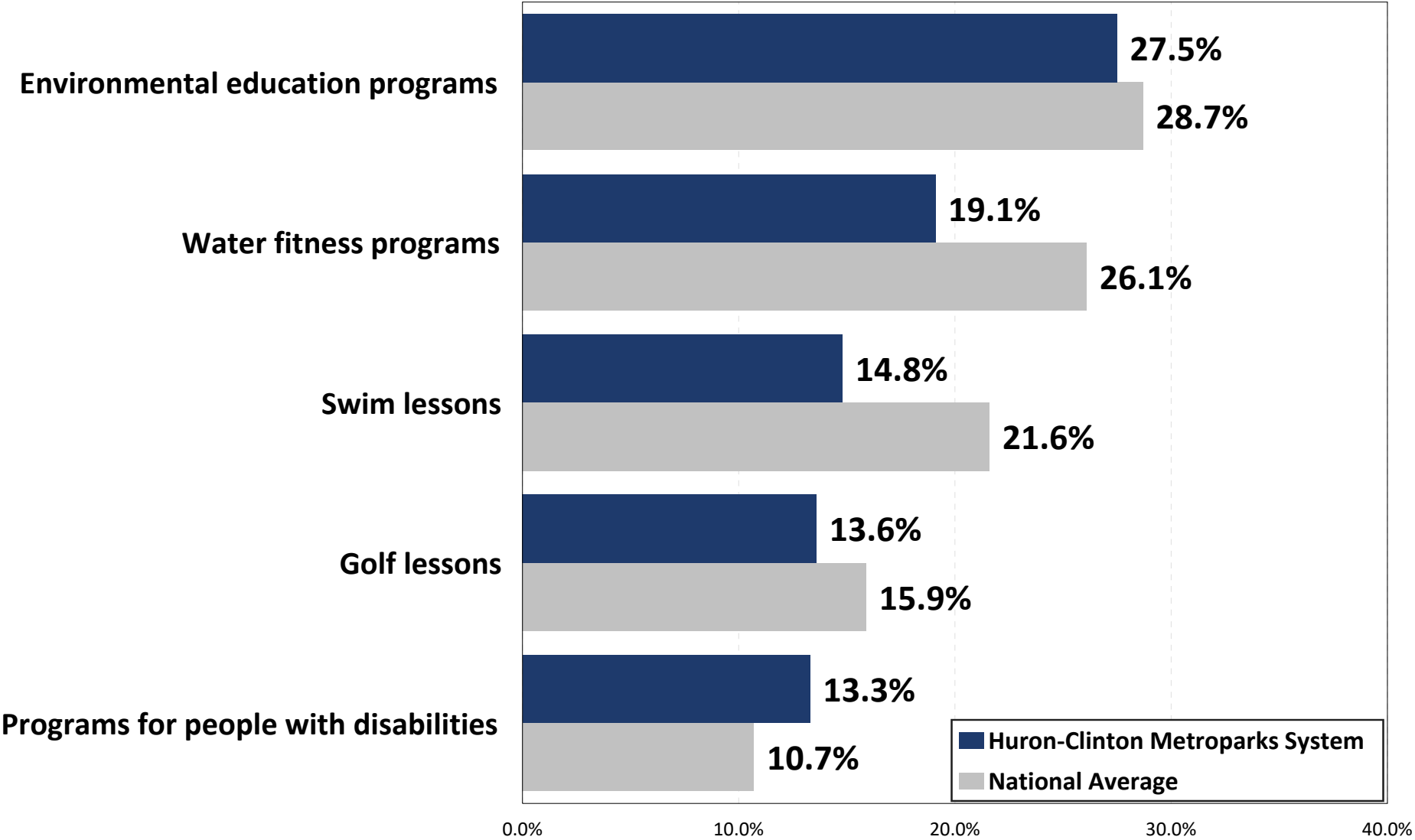
by percentage of respondents



Benchmark: Percent of Respondents That Have Needs for Recreation Programs

Huron-Clinton Metroparks System (2022) vs. the National Average

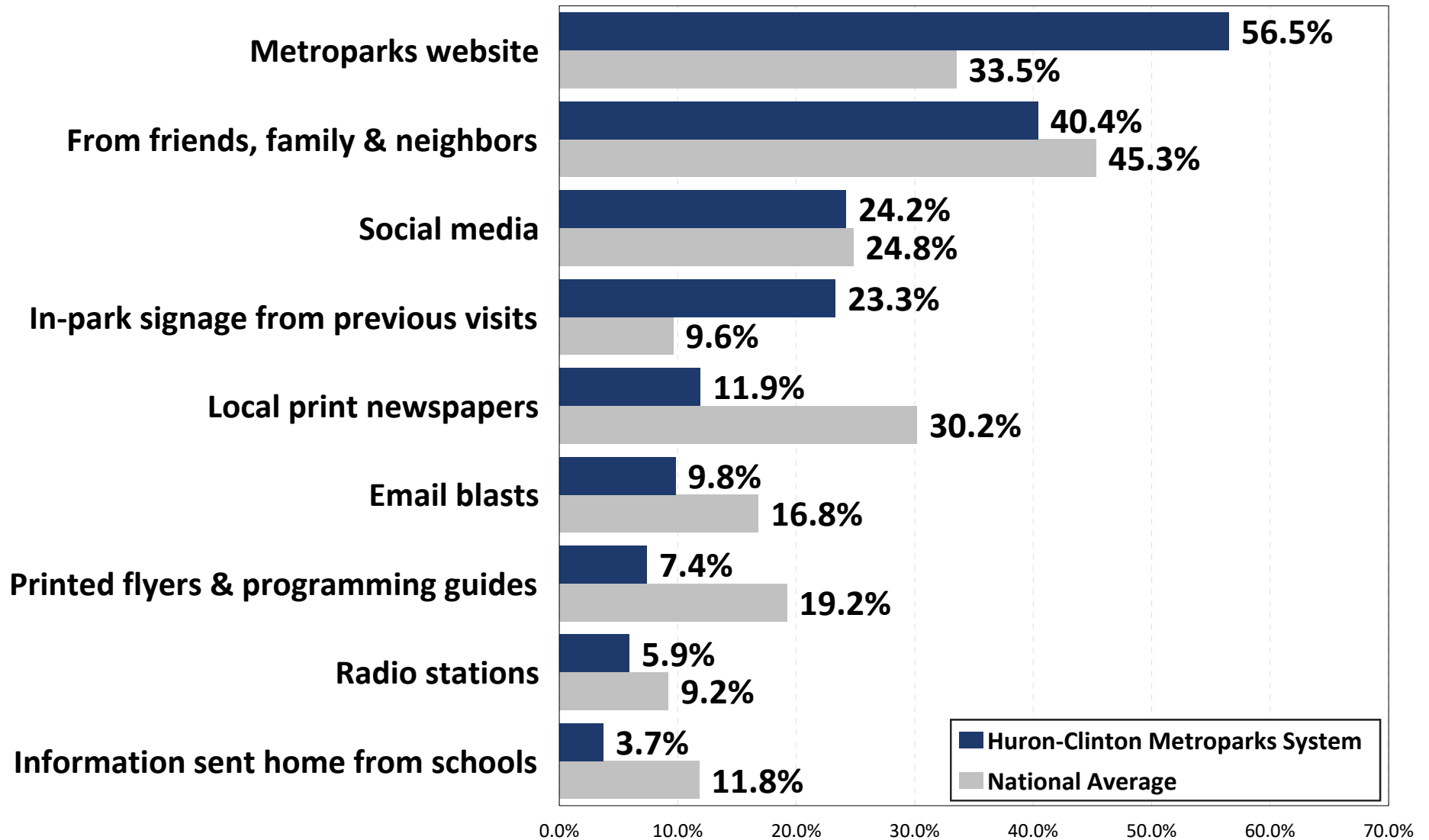
by percentage of respondents



Benchmark: Percent of Respondents That Have Needs for Recreation Programs

Huron-Clinton Metroparks System (2022) vs. the National Average

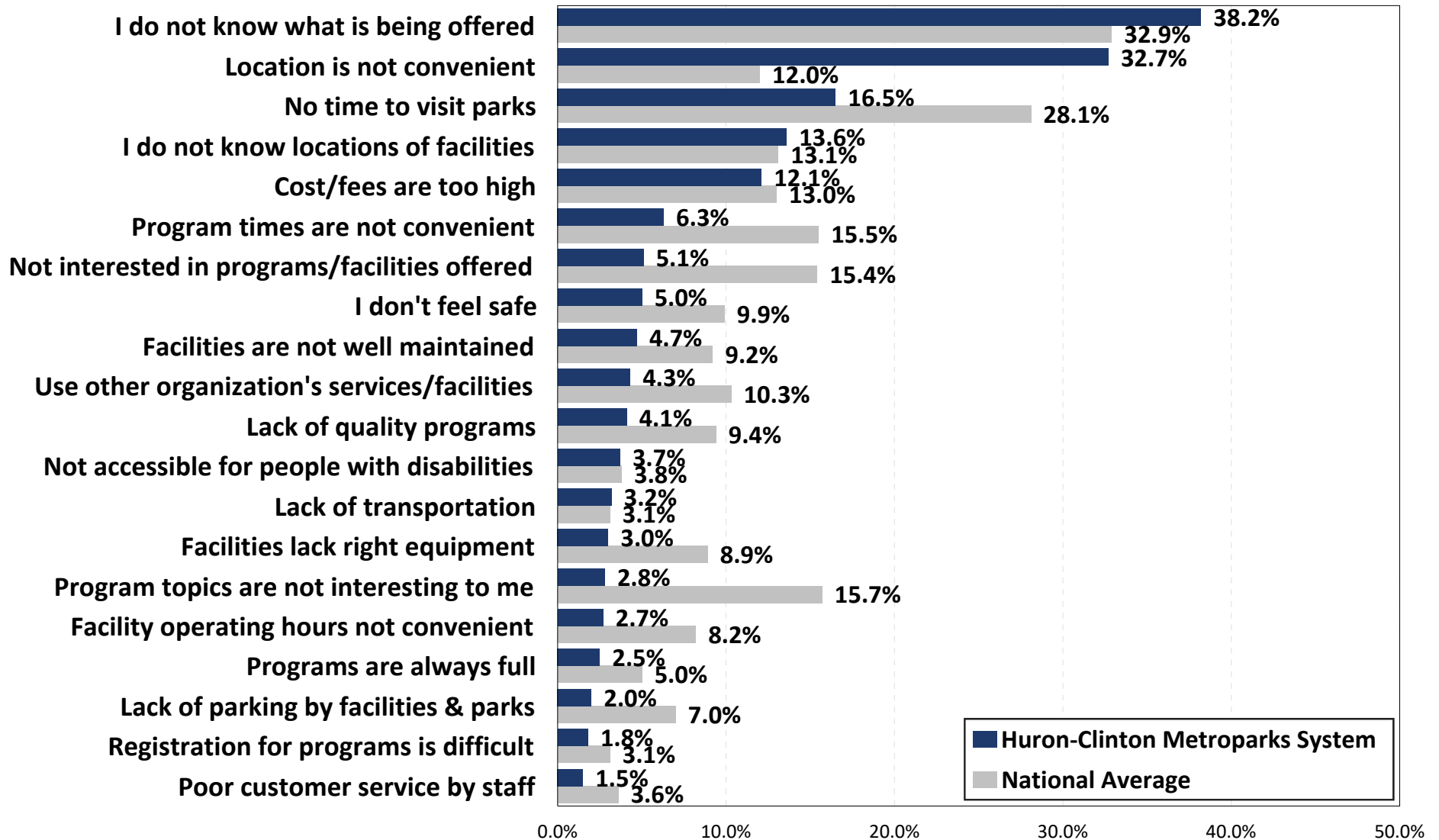
by percentage of respondents



Benchmark: Reasons Preventing Respondents From Using Parks & Recreation Facilities/Programs

Huron-Clinton Metroparks System (2022) vs. the National Average

by percentage of respondents





Section 4:
Priority Investment
Rating Analysis
(Huron-Clinton Metroparks
Service Area)

Priority Investment Analysis

The Priority Investment Rating (PIR) was developed by ETC Institute to provide government leaders with an objective tool for evaluating the priority that should be placed on parks and recreation investments. The primary purpose of the Priority Investment Rating is to identify the facilities, amenities, and programs households think should receive the highest priority for investment. The Priority Investment Rating has two components:

- the importance households place on items (sum of top four choices) and
- households' unmet needs (needs that are only being 50% or less).

Since decisions related to future investments should consider both the level of unmet need and the importance of facilities, amenities, and programs, the Priority Investment Rating weights each of these components equally. Essentially, the equation for the Priority Investment Rating is the sum of the Unmet Needs Rating (UNR) and the Importance Rating (IR) as shown in the equation below:

$$\text{PIR} = \text{UNR} + \text{IR}$$

For example, suppose the Unmet Needs Rating for beaches is 100.0 (out of 100) and the Importance Rating for beaches is 74.7 (out of 100), therefore the Priority Investment Rating for beaches is 174.7 (out of 200). A Priority Investment Rating of 174.7 would indicate that cultural events are a High Priority for investment.

How to Analyze the Charts:

- High Priority Areas are those with a PIR of at least 100. A rating of 100 or above generally indicates there is a relatively high level of unmet need and households generally think it is important to fund improvements in these areas. Improvements in this area are likely to have a positive impact on the greatest number of households.
- Medium Priority Areas are those with a PIR of 50-99. A rating in this range generally indicates there is a medium to high level of unmet need or a significant percentage of households generally think it is important to fund improvements in these areas.
- Low Priority Areas are those with a PIR below 50. A rating in this range generally indicates there is a relatively low level of unmet need and households do not think it is important to fund improvements in these areas. Improvements may be warranted if the needs of very specialized populations are being targeted.

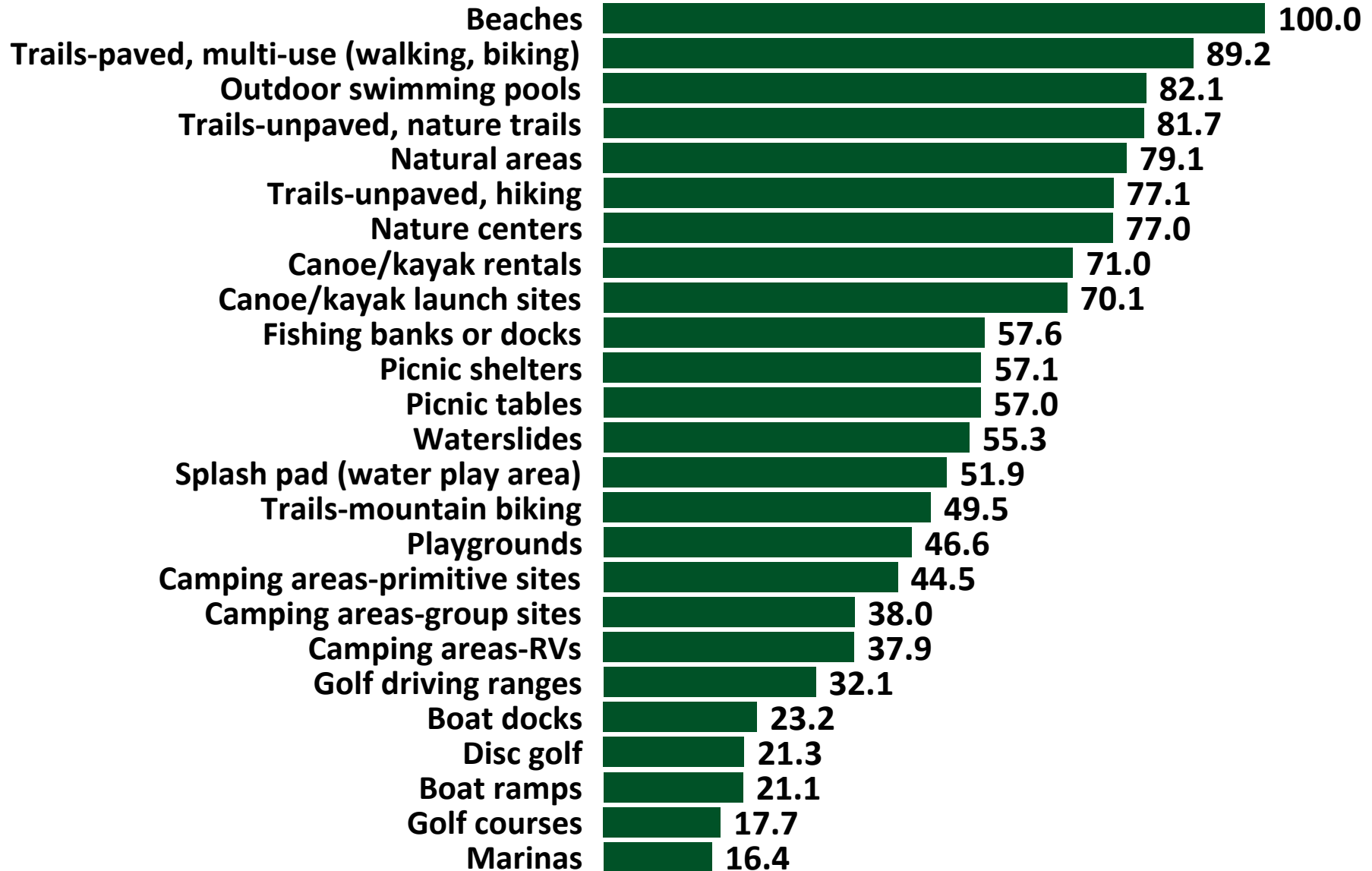
The following pages show the Unmet Needs Rating, Importance Rating, and Priority Investment Rating (PIR) for Parks and Recreation facilities and programs. Section 5 shows the Priority Investment Rating for Parks and Recreation facilities and programs by location.

Huron-Clinton Metroparks Service Area

Unmet Needs Rating for Parks & Recreation Facilities

the rating for the item with the most unmet need=100

the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need

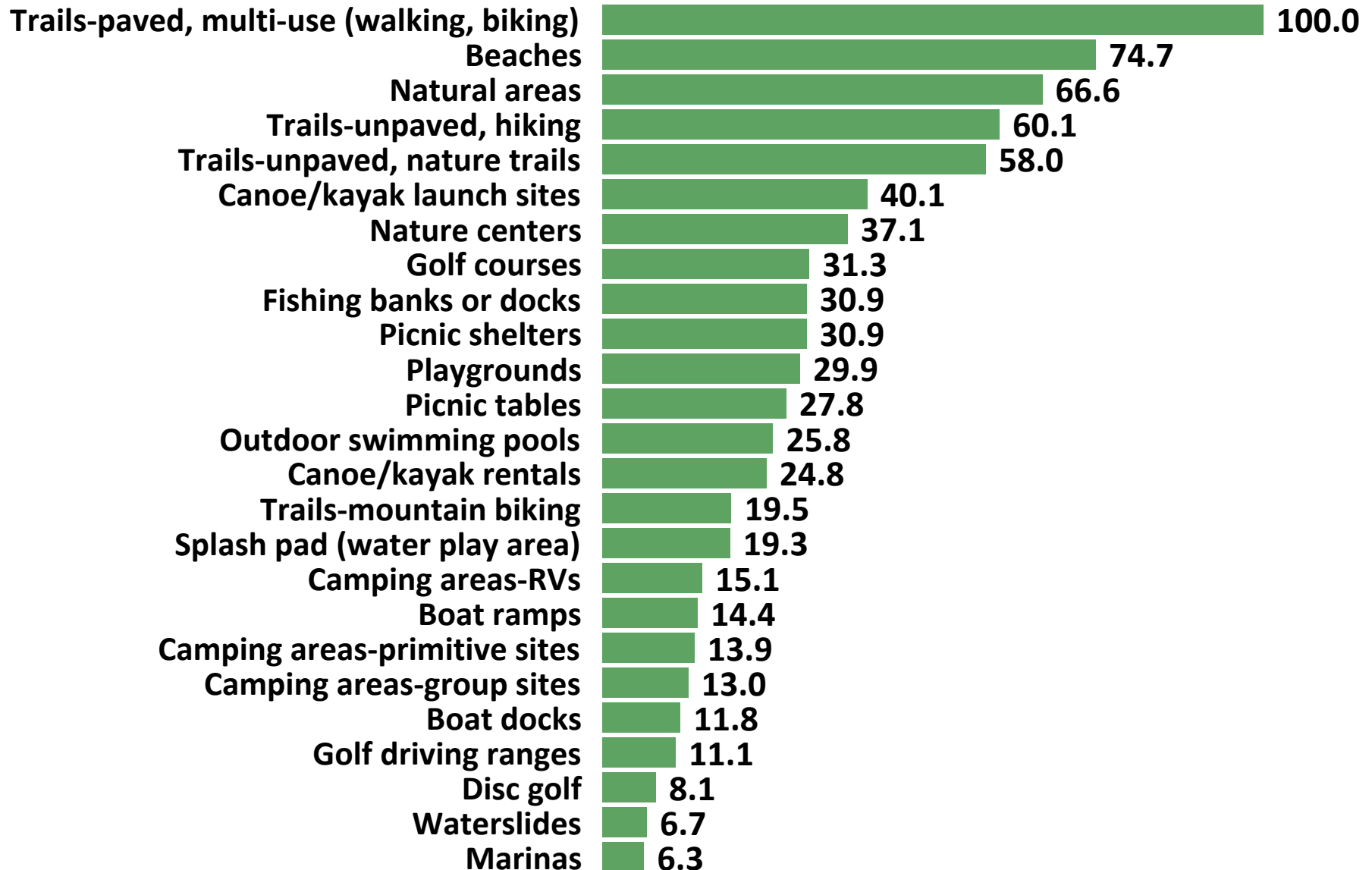


Huron-Clinton Metroparks Service Area

Importance Rating for Parks & Recreation Facilities

the rating for the item with the most unmet need=100

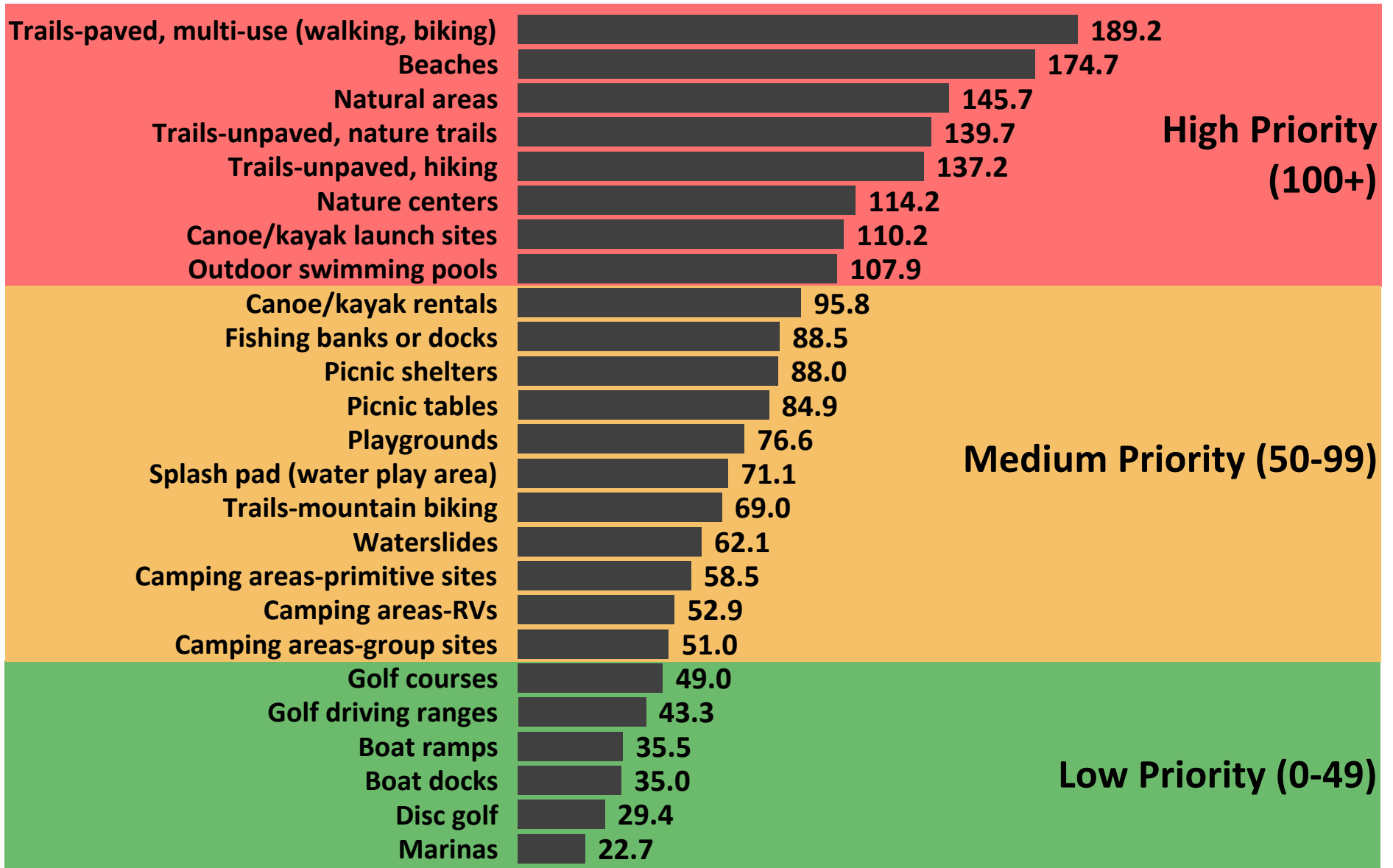
the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Huron-Clinton Metroparks Service Area

Top Priorities for Investment for Parks & Recreation Facilities

Based on the Priority Investment Rating (PIR)

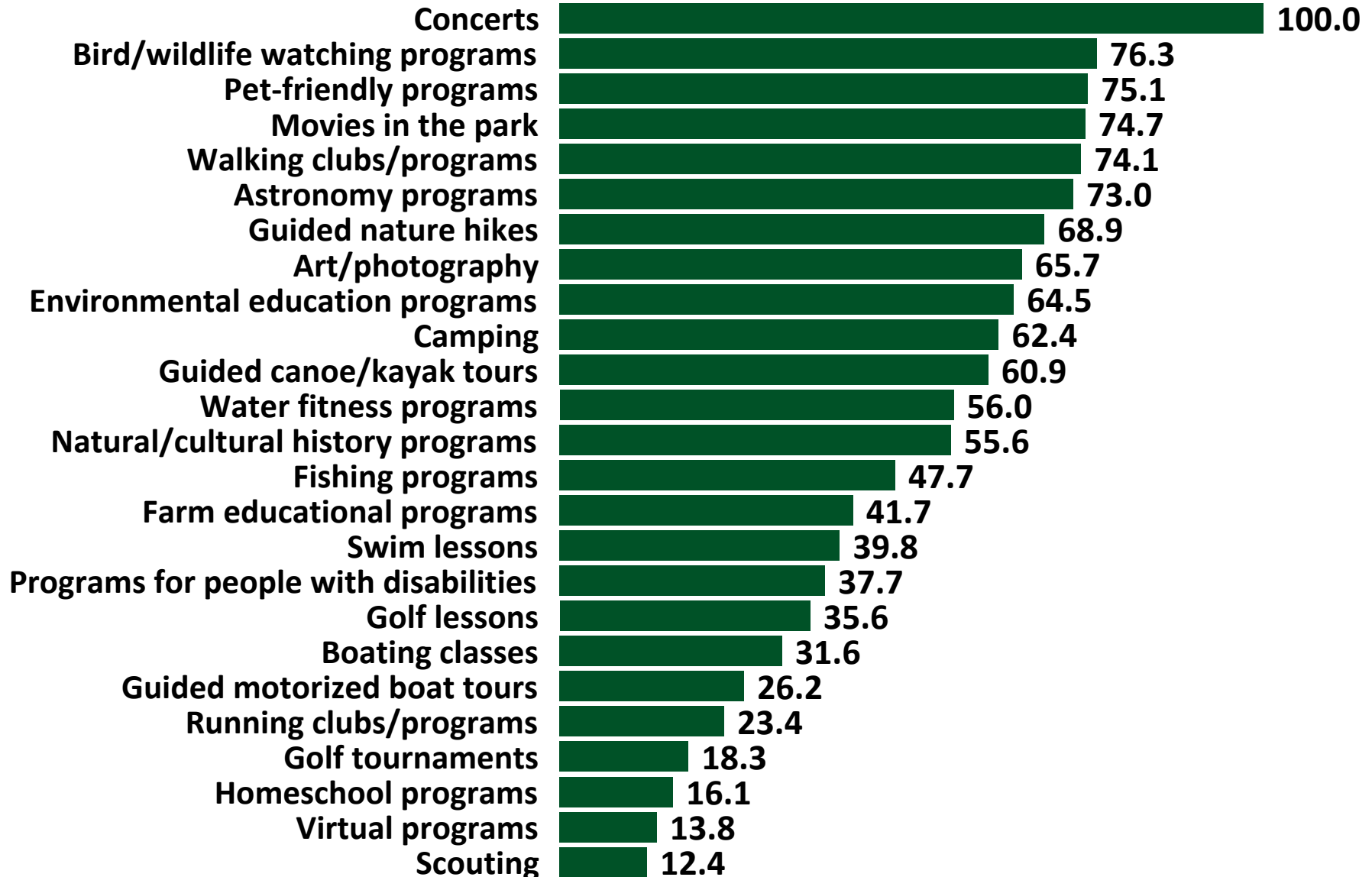


Huron-Clinton Metroparks Service Area

Unmet Needs Rating for Parks & Recreation Programs

the rating for the item with the most unmet need=100

the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need

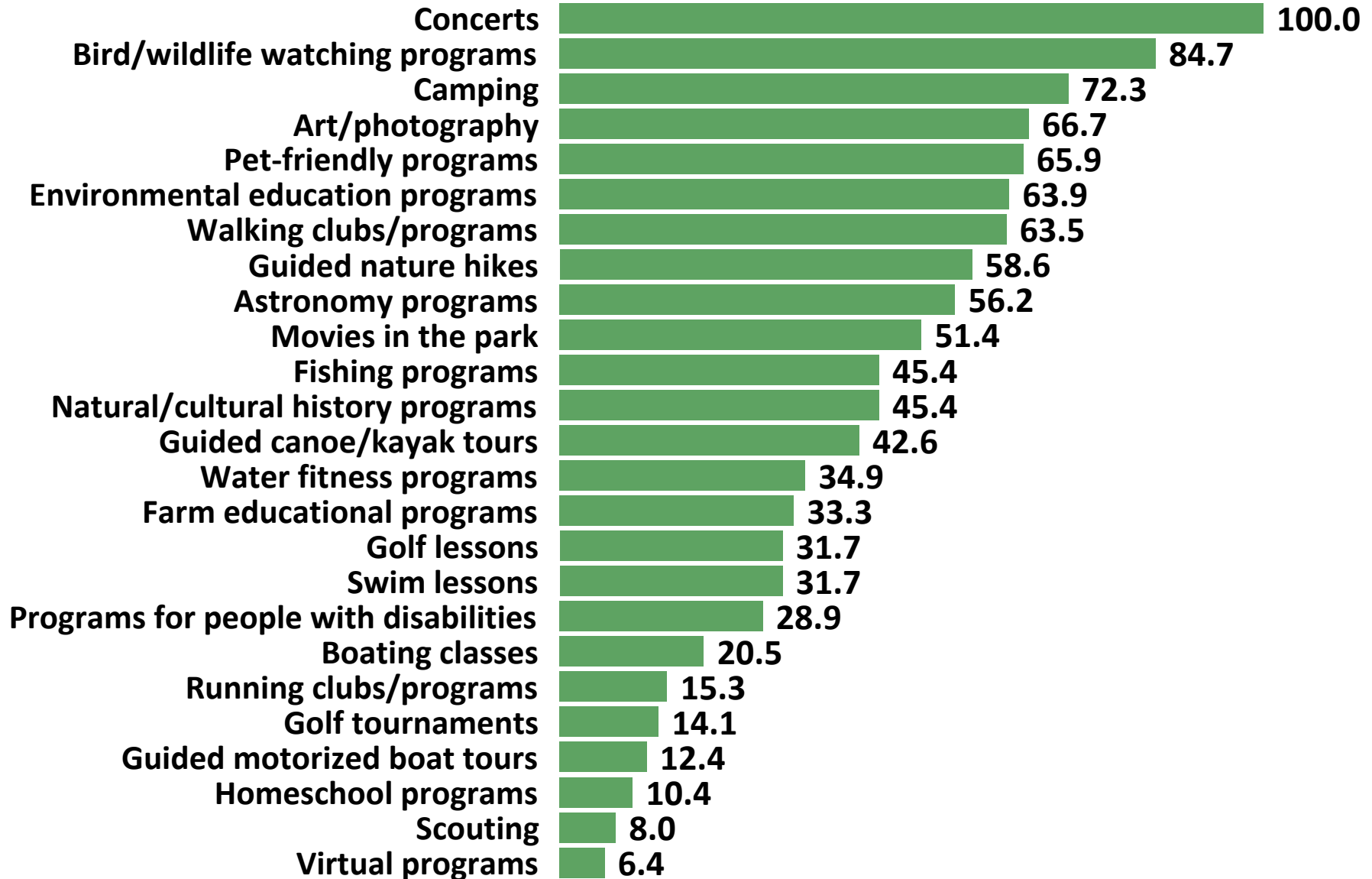


Huron-Clinton Metroparks Service Area

Importance Rating for Parks & Recreation Facilities

the rating for the item with the most unmet need=100

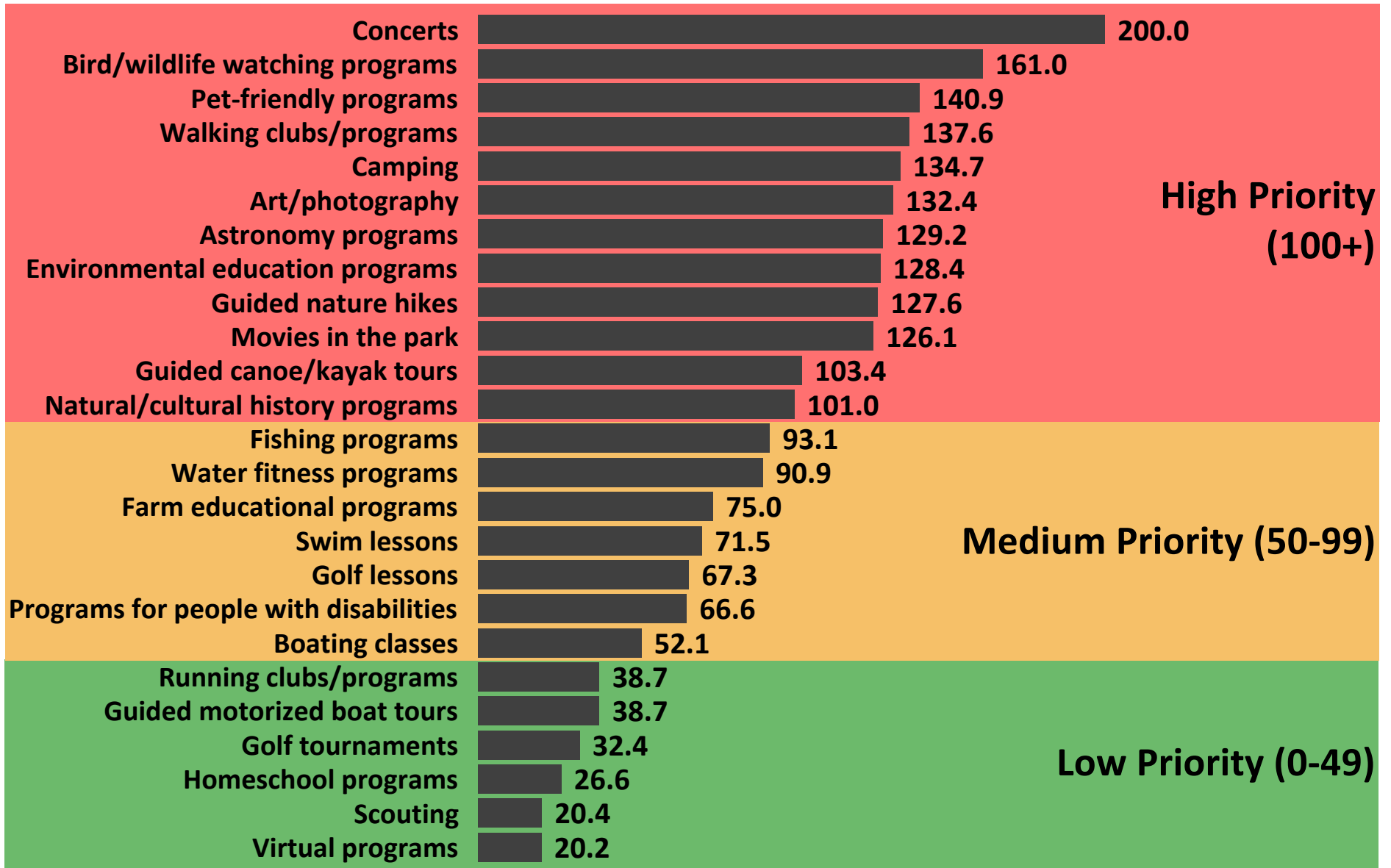
the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Huron-Clinton Metroparks Service Area

Top Priorities for Investment for Parks & Recreation Programs

Based on the Priority Investment Rating (PIR)

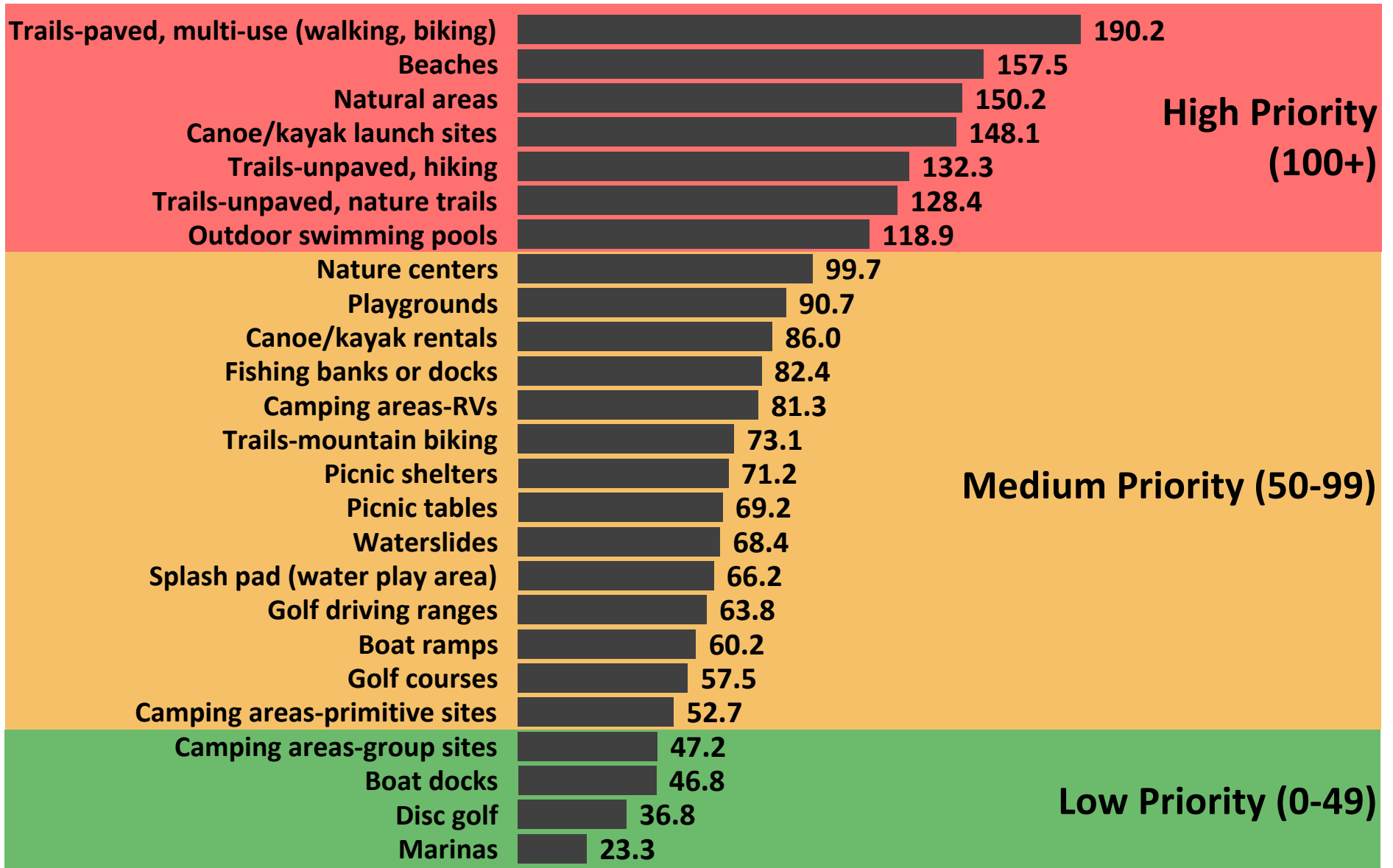


Section 5:
Priority Investment
Rating Analysis
(by Locations in Huron-Clinton
Metroparks Service Area)

Livingston County

Top Priorities for Investment for Parks & Recreation Facilities

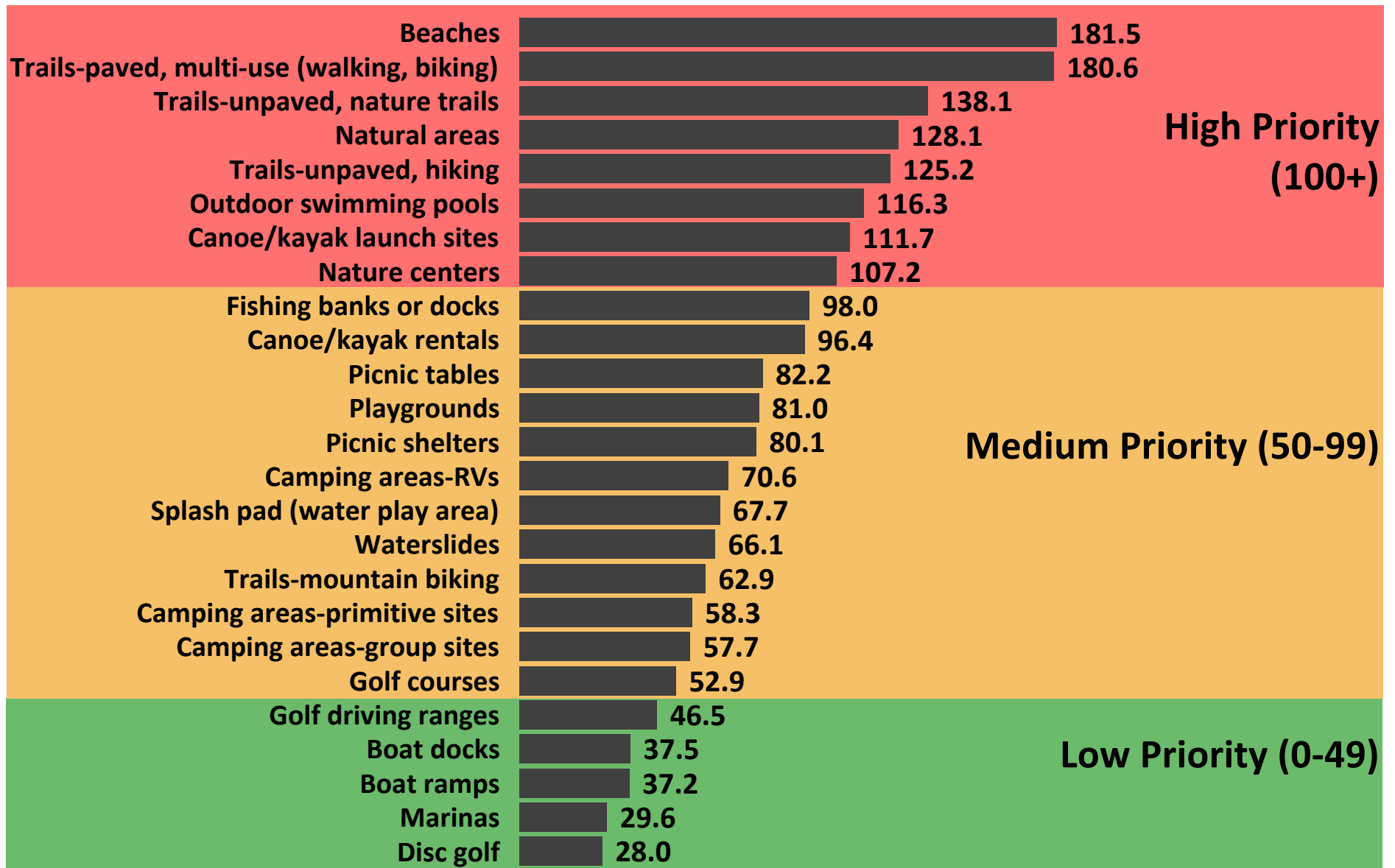
Based on the Priority Investment Rating (PIR)



Macomb County

Top Priorities for Investment for Parks & Recreation Facilities

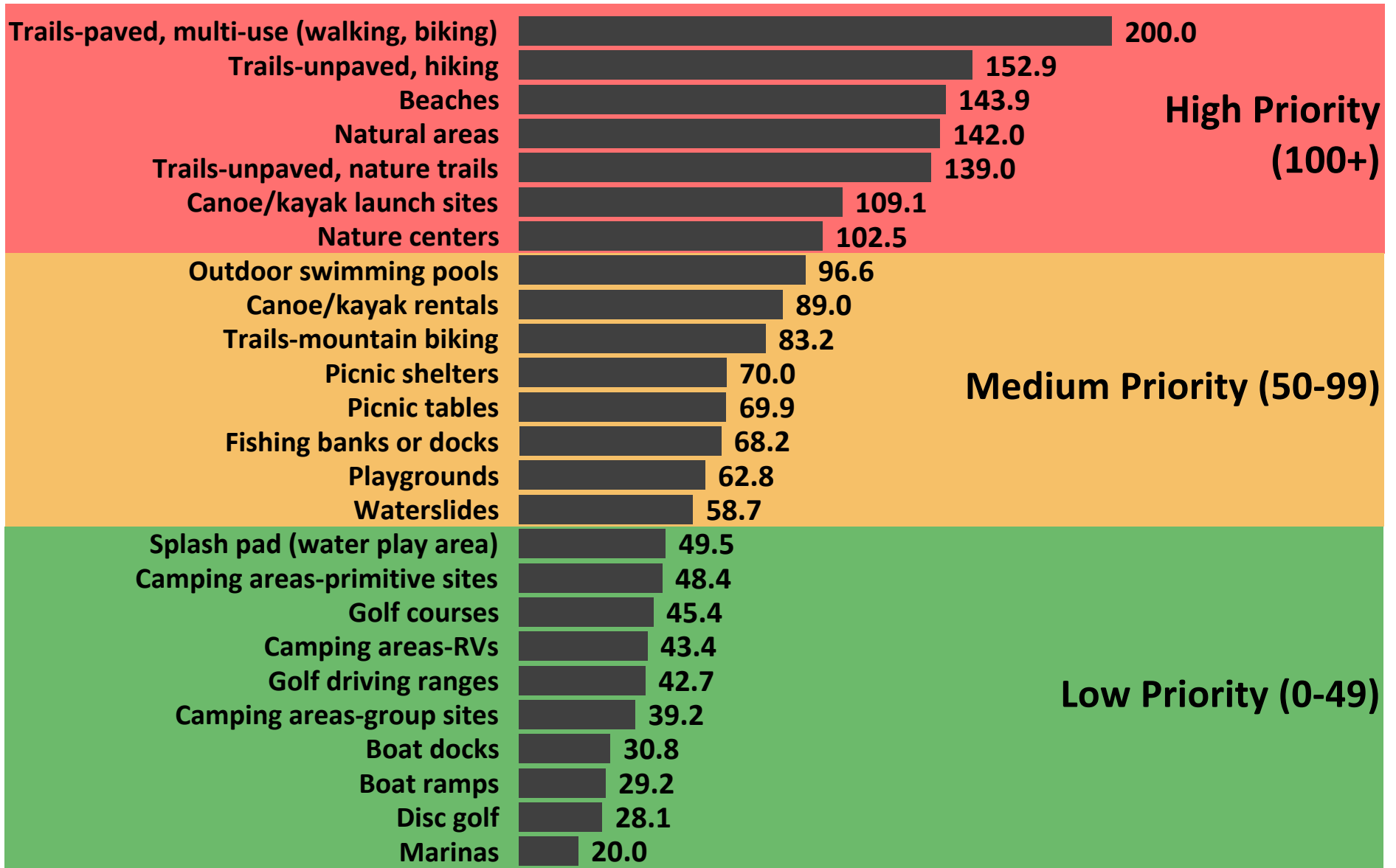
Based on the Priority Investment Rating (PIR)



Oakland County

Top Priorities for Investment for Parks & Recreation Facilities

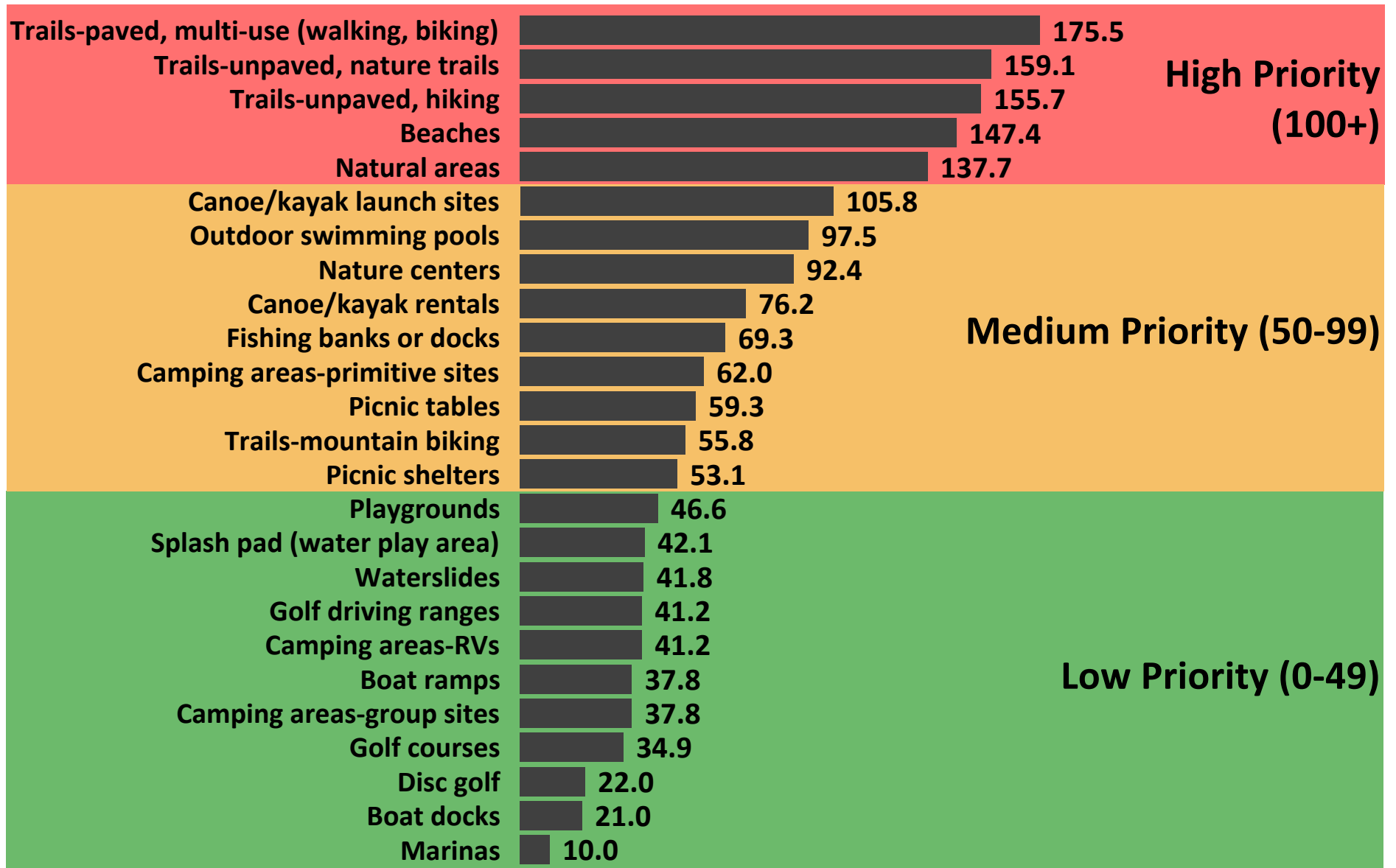
Based on the Priority Investment Rating (PIR)



Washtenaw County

Top Priorities for Investment for Parks & Recreation Facilities

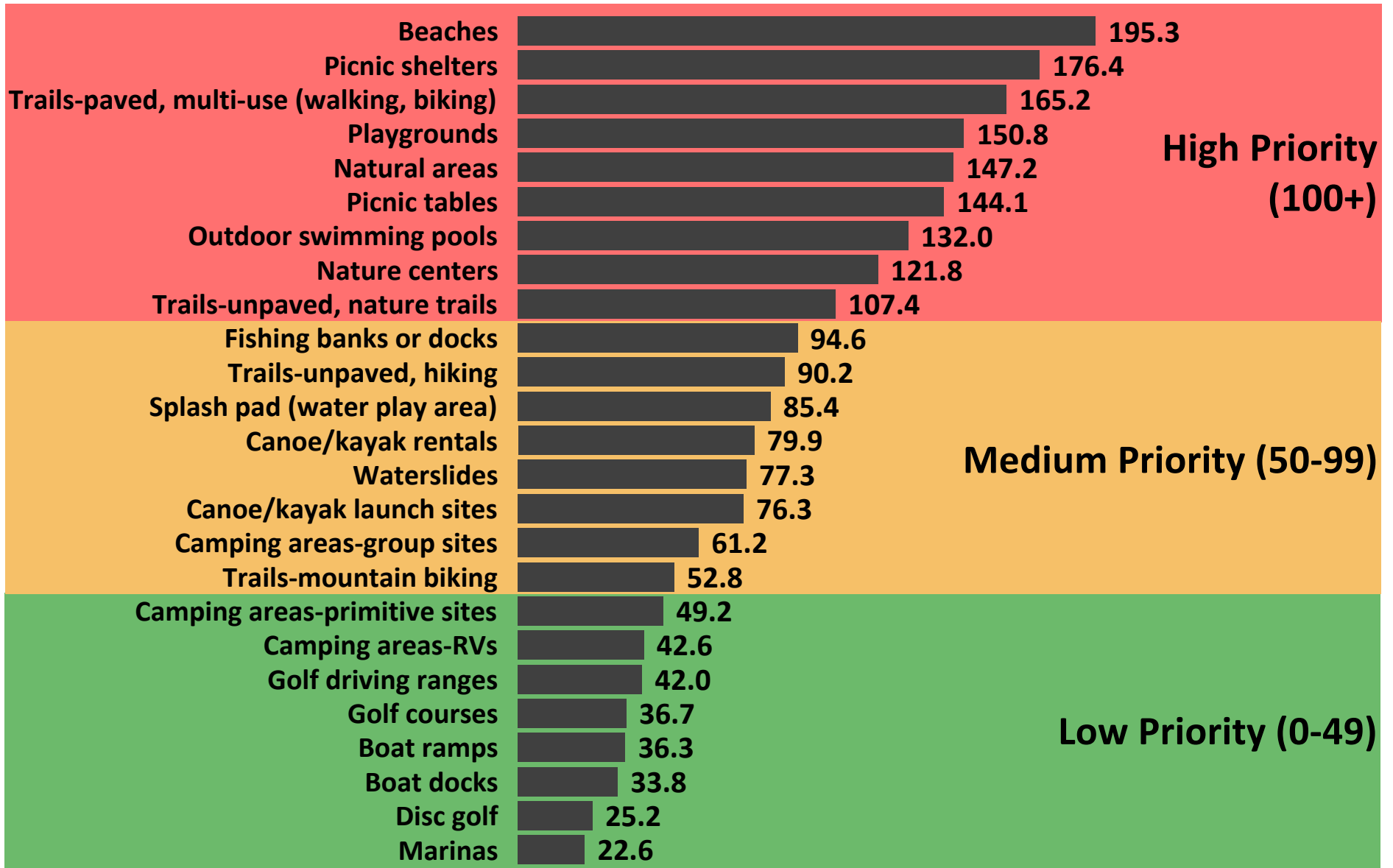
Based on the Priority Investment Rating (PIR)



Wayne County (Outside of Detroit)

Top Priorities for Investment for Parks & Recreation Facilities

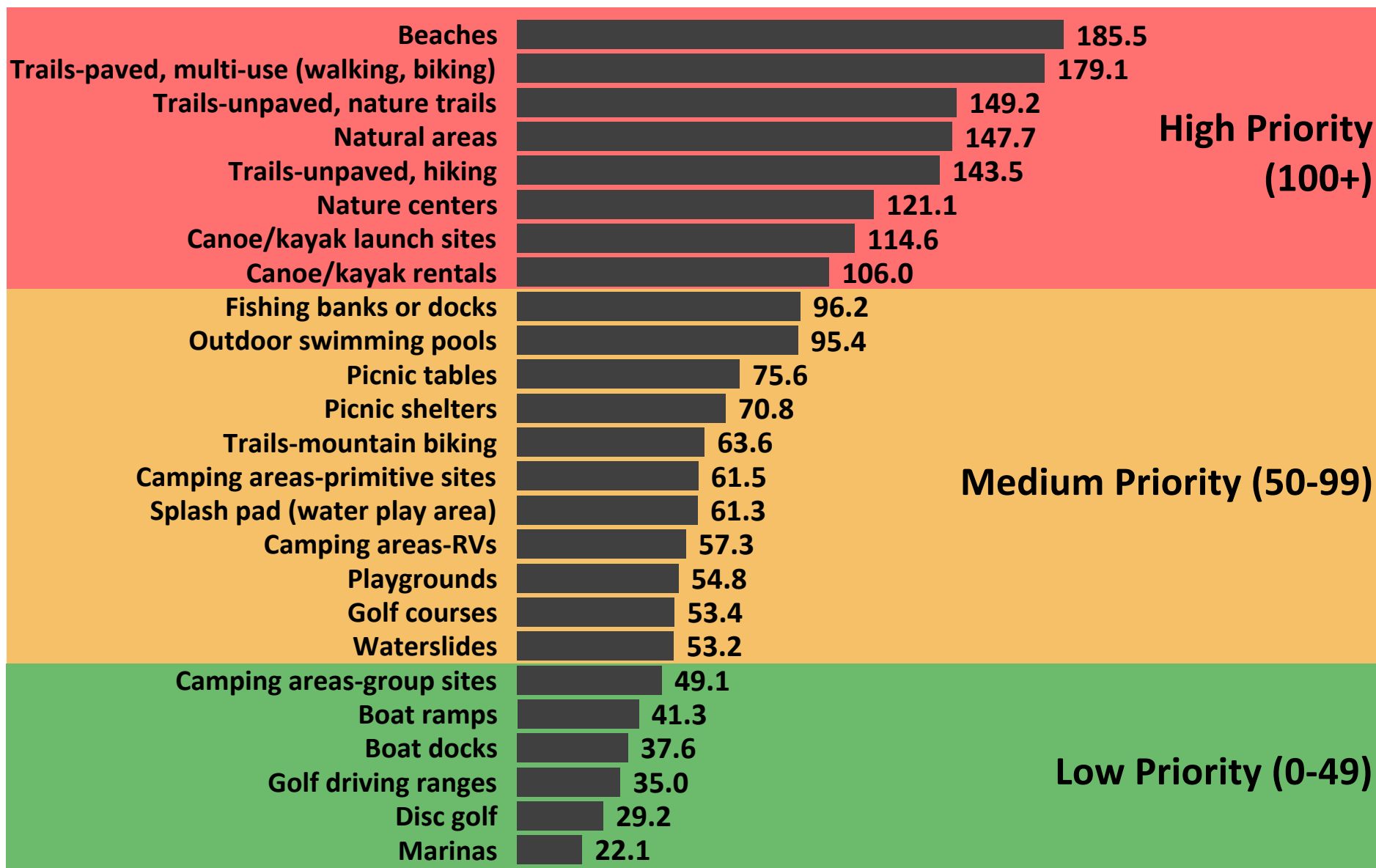
Based on the Priority Investment Rating (PIR)



City of Detroit

Top Priorities for Investment for Parks & Recreation Facilities

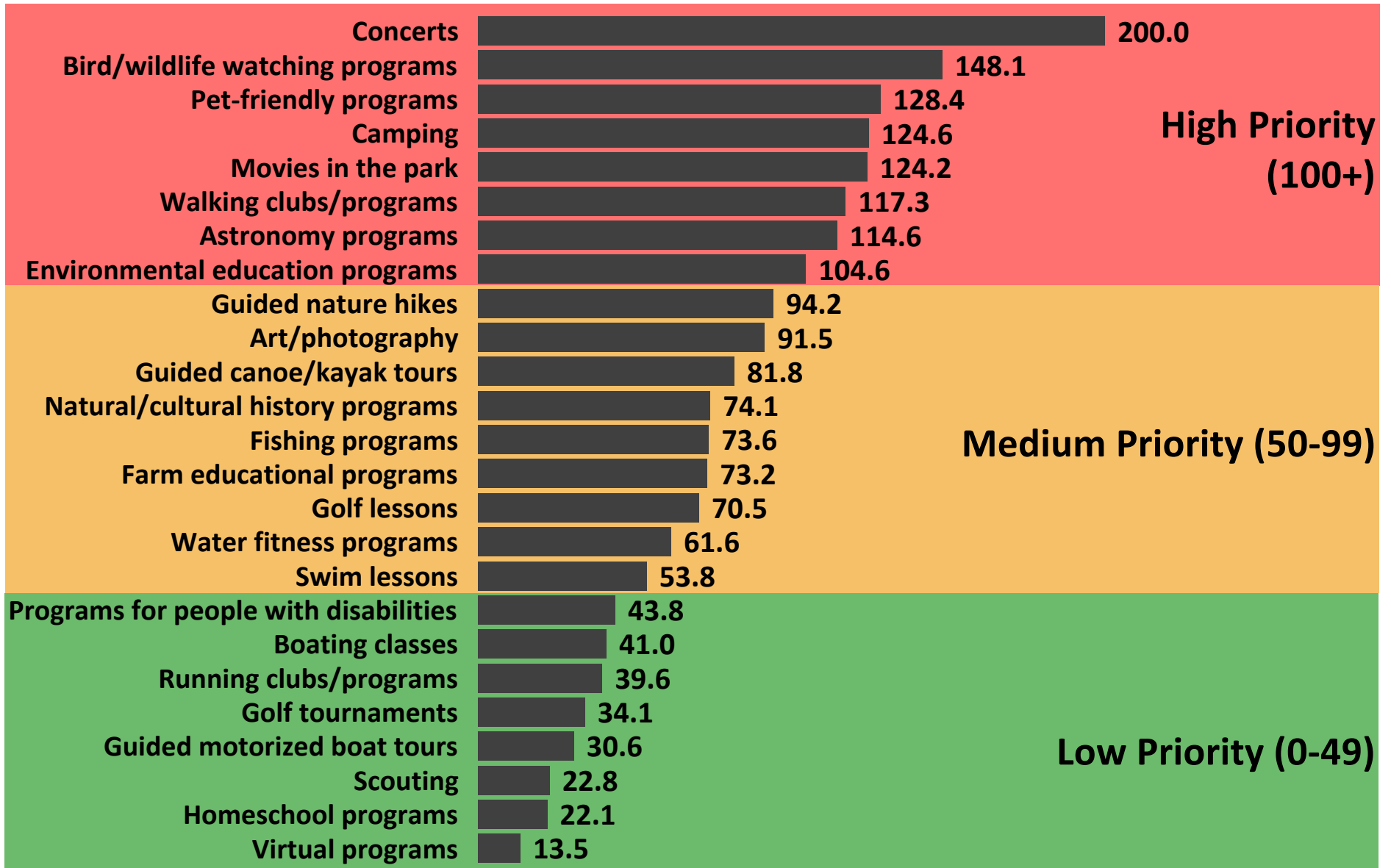
Based on the Priority Investment Rating (PIR)



Livingston County

Top Priorities for Investment for Parks & Recreation Programs

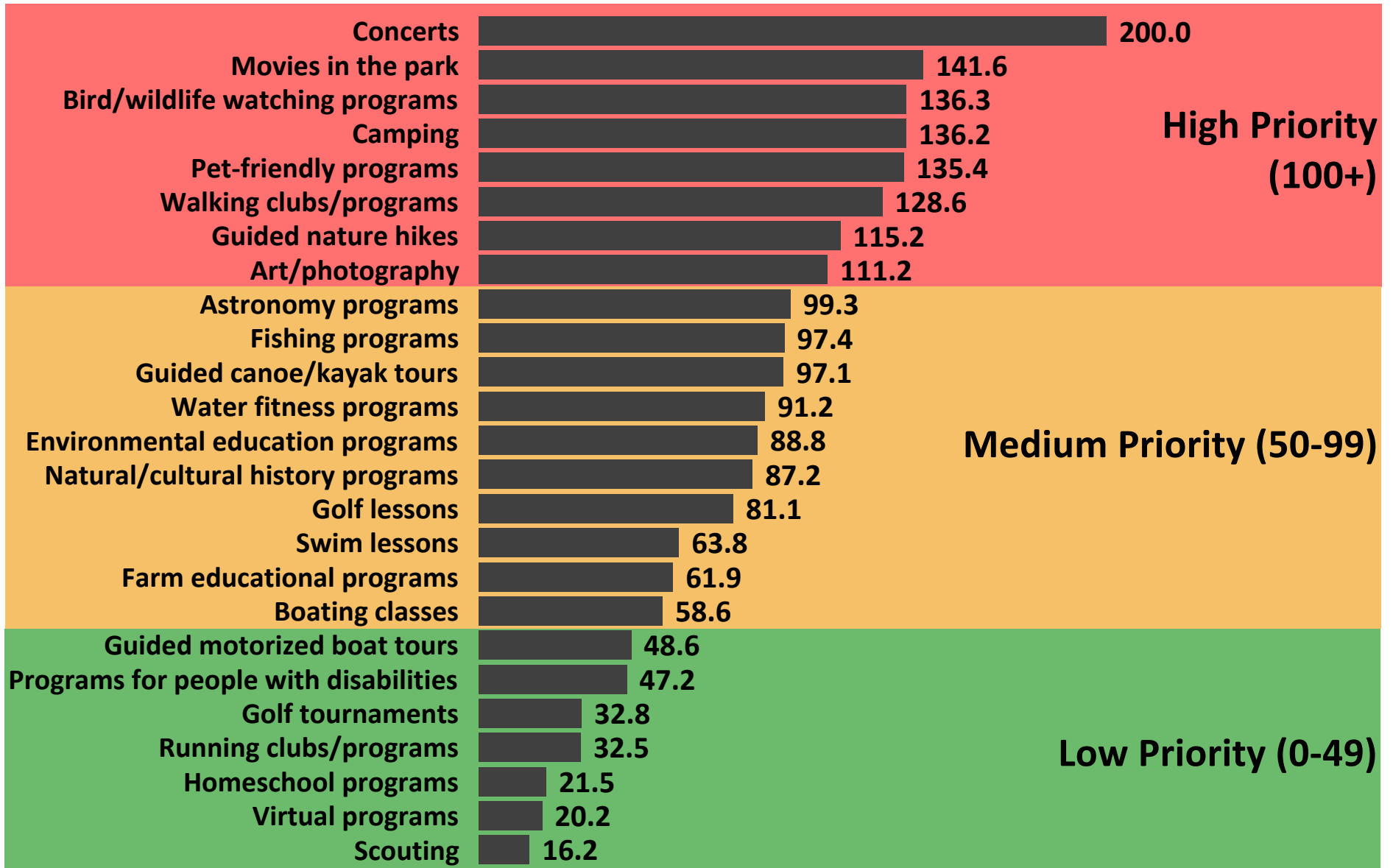
Based on the Priority Investment Rating (PIR)



Macomb County

Top Priorities for Investment for Parks & Recreation Programs

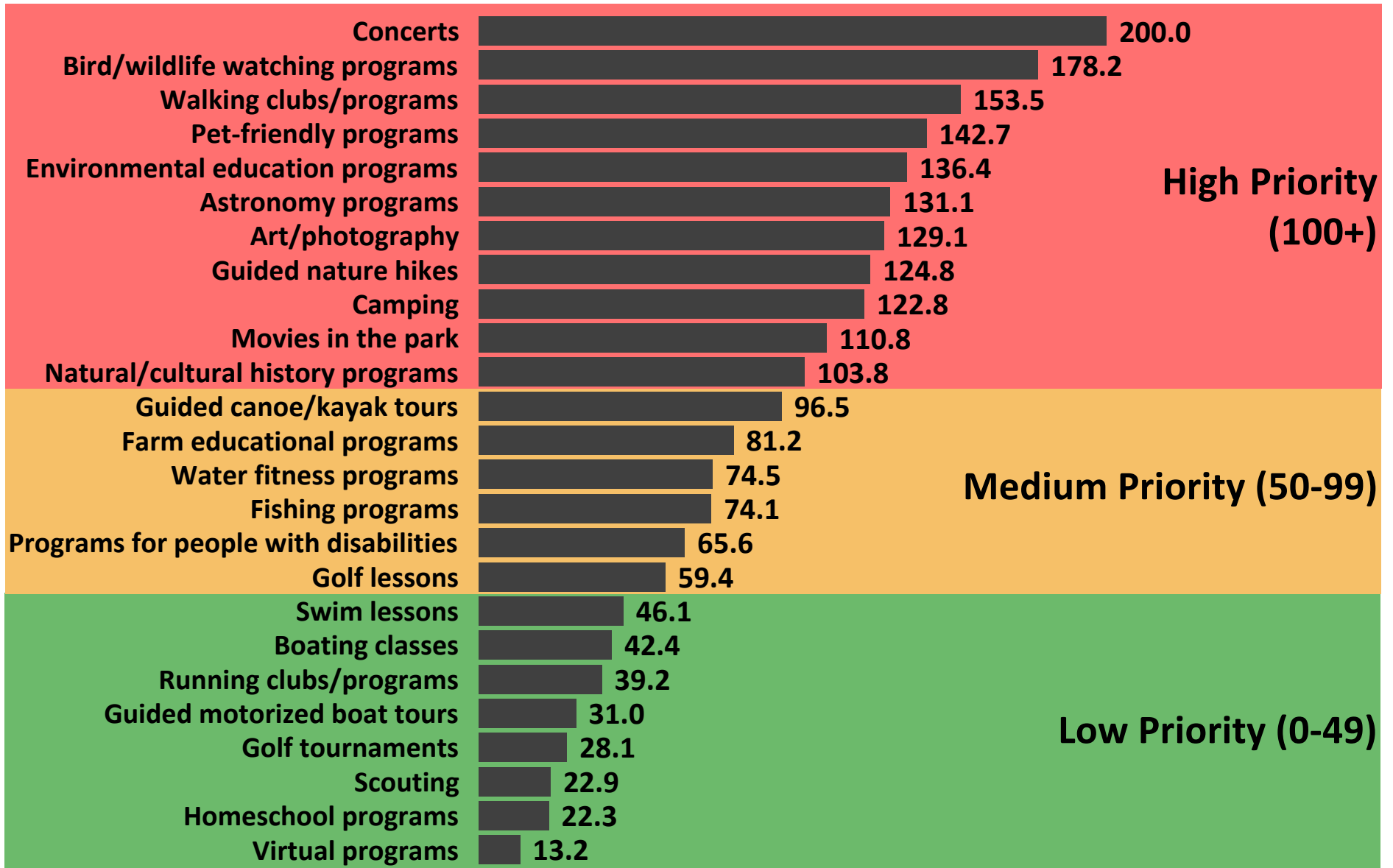
Based on the Priority Investment Rating (PIR)



Oakland County

Top Priorities for Investment for Parks & Recreation Programs

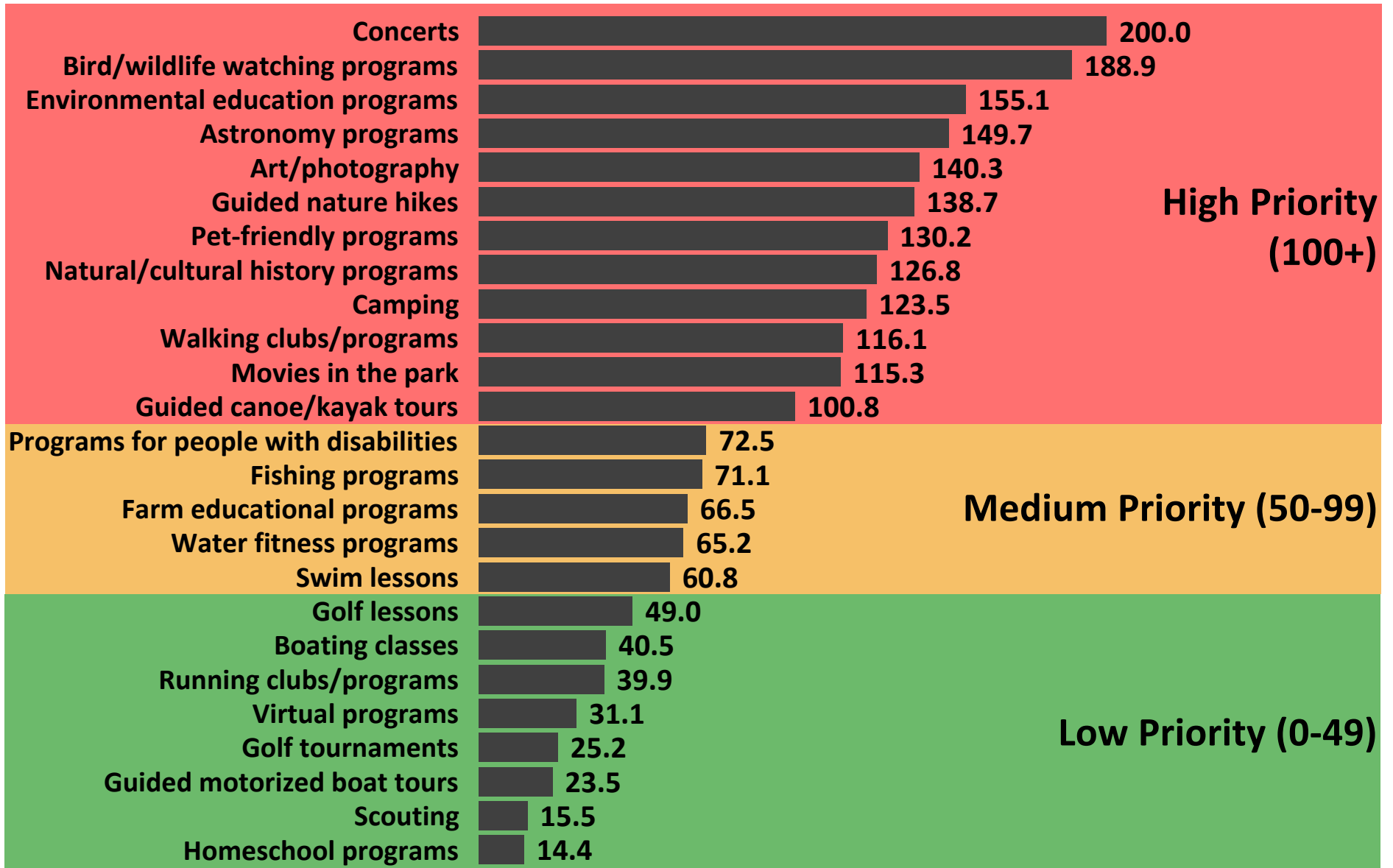
Based on the Priority Investment Rating (PIR)



Washtenaw County

Top Priorities for Investment for Parks & Recreation Programs

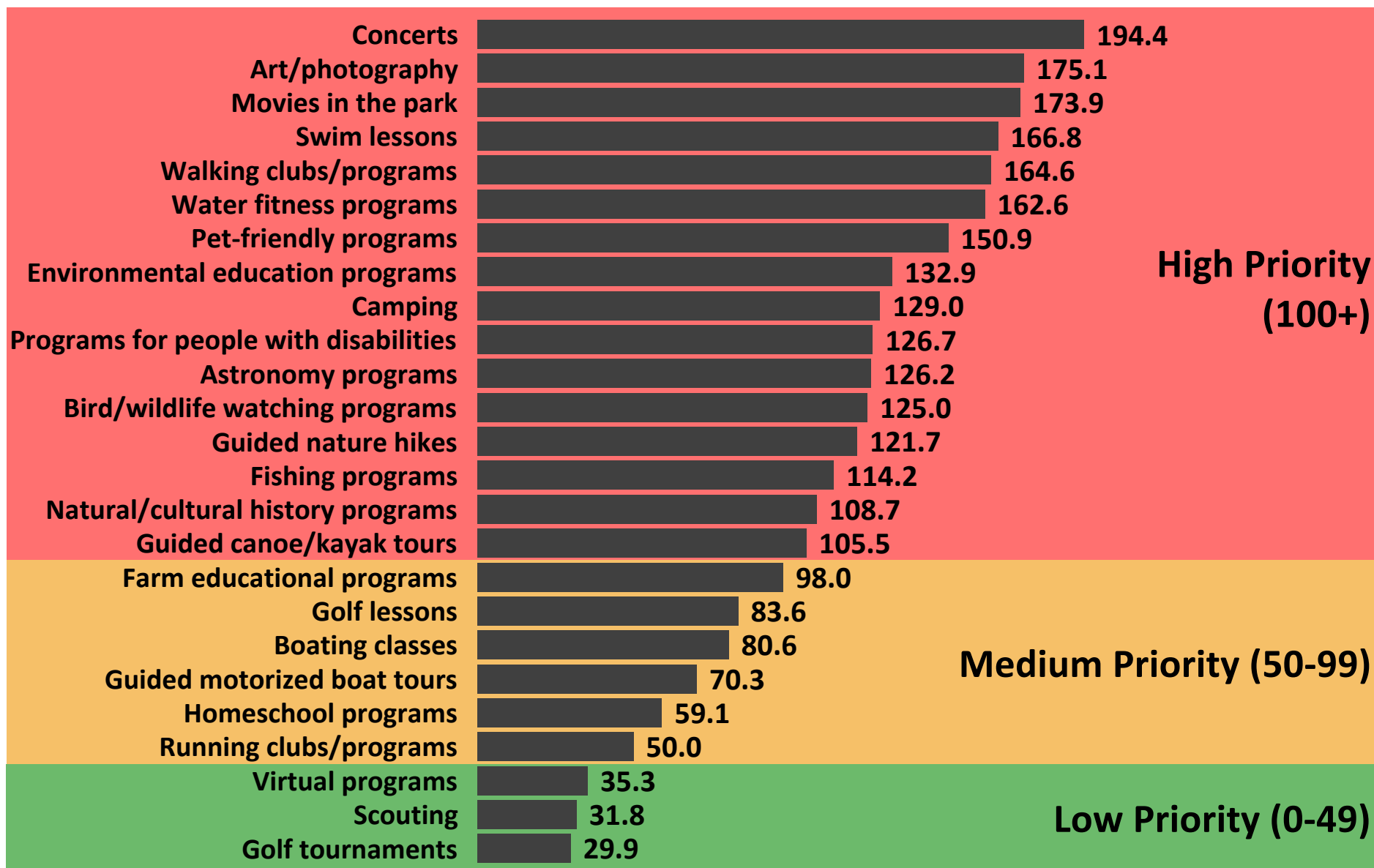
Based on the Priority Investment Rating (PIR)



Wayne County (Outside of Detroit)

Top Priorities for Investment for Parks & Recreation Programs

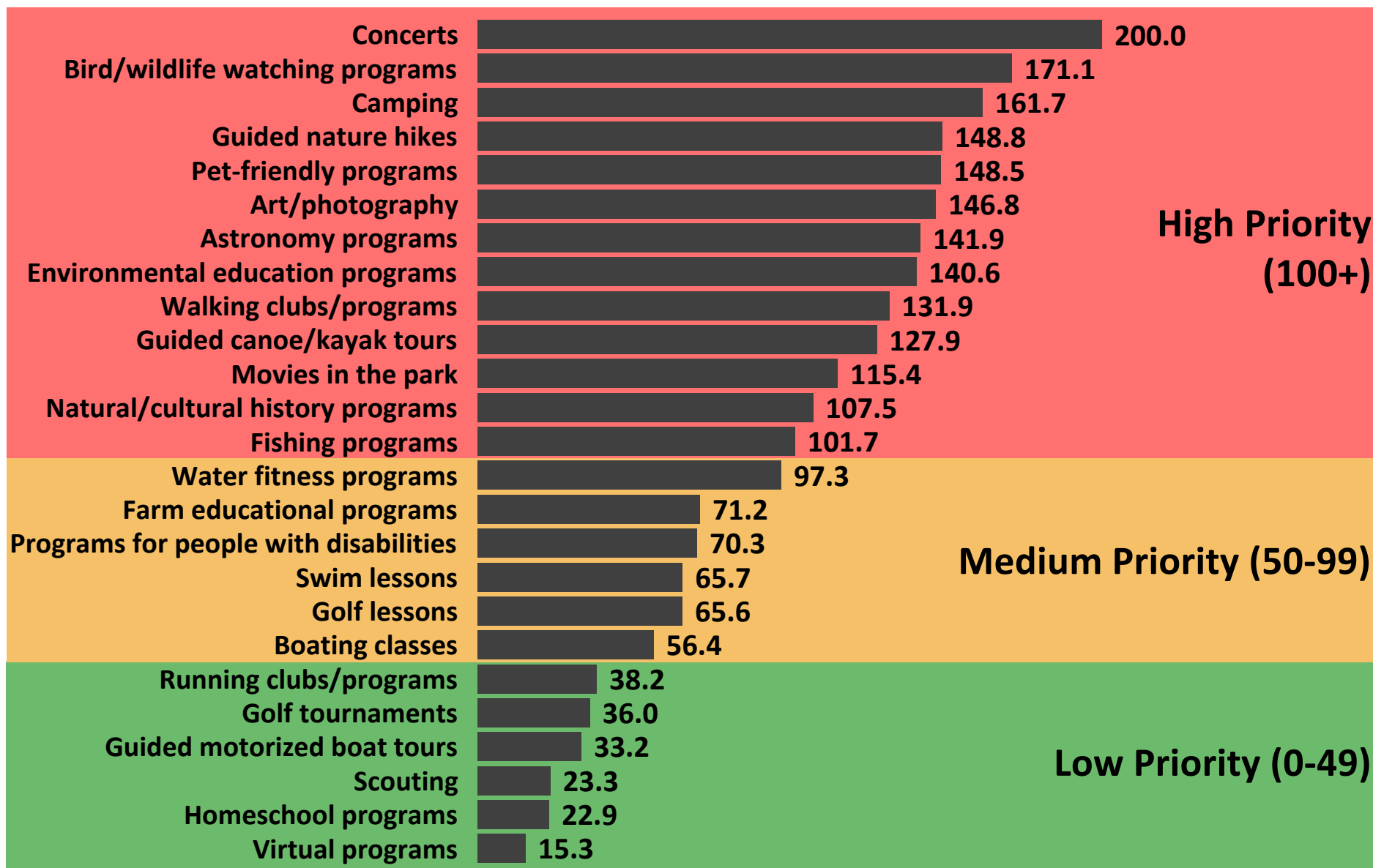
Based on the Priority Investment Rating (PIR)



City of Detroit

Top Priorities for Investment for Parks & Recreation Programs

Based on the Priority Investment Rating (PIR)



Section 6: Tabular Data

Q1. Have you ever heard of Huron-Clinton Metroparks?

Q1. Have you ever heard of Huron-Clinton Metroparks	Number	Percent
Yes	2722	93.9 %
No	111	3.8 %
Not sure	66	2.3 %
Total	2899	100.0 %

Q2. How many times have you or other members of your household visited parks and facilities that are operated by Huron-Clinton Metroparks during the past year?

Q2. How many times have you visited parks & facilities operated by Huron-Clinton Metroparks during past year	Number	Percent
6+ times	1157	39.9 %
3-6 times	601	20.7 %
Once or twice	591	20.4 %
None, have not visited in past year	531	18.3 %
Not provided	19	0.7 %
Total	2899	100.0 %

Q2a. Which of the following best describes the type of vehicle pass you purchased?

Q2a. Which following best describes type of vehicle pass you purchased	Number	Percent
Daily permit	534	22.7 %
Annual permit	1551	66.0 %
Did not purchase a vehicle permit	158	6.7 %
Don't remember	106	4.5 %
Total	2349	100.0 %

Q3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

Q3. All the parks & facilities your household visited during past year

	Number	Percent
Delhi Metropark	210	7.2 %
Dexter-Huron Metropark	333	11.5 %
Hudson Mills Metropark	469	16.2 %
Huron Meadows Metropark	258	8.9 %
Indian Springs Metropark	315	10.9 %
Kensington Metropark	1508	52.0 %
Lake Erie Metropark	401	13.8 %
Lake St. Clair Metropark	643	22.2 %
Lower Huron Metropark	590	20.4 %
Oakwoods Metropark	207	7.1 %
Stony Creek Metropark	1010	34.8 %
Willow Metropark	318	11.0 %
Wolcott Mill Metropark	222	7.7 %
Hudson Mills Golf Course	91	3.1 %
Huron Meadows Golf Course	101	3.5 %
Indian Springs Golf Course	91	3.1 %
Kensington Golf Course	199	6.9 %
Lake Erie Golf Course	54	1.9 %
Stony Creek Golf Course	150	5.2 %
Willow Golf Course	64	2.2 %
Hudson Mills Activity Center	74	2.6 %
Indian Springs Environmental Discovery Center	78	2.7 %
Kensington Farm Center	406	14.0 %
Kensington Nature Center	554	19.1 %
Lake Erie Marshlands Museum	120	4.1 %
Lake St. Clair Nature Center	173	6.0 %
Oakwoods Nature Center	94	3.2 %
Stony Creek Nature Center	325	11.2 %
Wolcott Mill Farm Center	143	4.9 %
Wolcott Mill Historic Center	97	3.3 %
Lower Huron Turtle Cove	138	4.8 %
Kensington Splash 'n Blast	138	4.8 %
Indian Springs Spray Pad	57	2.0 %
Lake St. Clair Squirt Zone	105	3.6 %
Lake St. Clair Pool	85	2.9 %
Stony Creek Water Slide	92	3.2 %
Willow Pool	59	2.0 %
Lake Erie Wave Pool	85	2.9 %
Other	88	3.0 %
Total	10145	

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN?

Q4. Top choice	Number	Percent
Delhi Metropark	38	1.3 %
Dexter-Huron Metropark	79	2.7 %
Hudson Mills Metropark	112	3.9 %
Huron Meadows Metropark	32	1.1 %
Indian Springs Metropark	92	3.2 %
Kensington Metropark	755	26.0 %
Lake Erie Metropark	122	4.2 %
Lake St. Clair Metropark	314	10.8 %
Lower Huron Metropark	177	6.1 %
Oakwoods Metropark	16	0.6 %
Stony Creek Metropark	457	15.8 %
Willow Metropark	51	1.8 %
Wolcott Mill Metropark	16	0.6 %
Hudson Mills Golf Course	8	0.3 %
Huron Meadows Golf Course	11	0.4 %
Indian Springs Golf Course	19	0.7 %
Kensington Golf Course	18	0.6 %
Lake Erie Golf Course	6	0.2 %
Stony Creek Golf Course	13	0.4 %
Willow Golf Course	2	0.1 %
Hudson Mills Activity Center	1	0.0 %
Kensington Farm Center	18	0.6 %
Kensington Nature Center	27	0.9 %
Lake Erie Marshlands Museum	2	0.1 %
Lake St. Clair Nature Center	8	0.3 %
Oakwoods Nature Center	3	0.1 %
Stony Creek Nature Center	11	0.4 %
Wolcott Mill Farm Center	2	0.1 %
Wolcott Mill Historic Center	2	0.1 %
Lower Huron Turtle Cove	11	0.4 %
Kensington Splash 'n Blast	6	0.2 %
Indian Springs Spray Pad	3	0.1 %
Lake St. Clair Squirt Zone	4	0.1 %
Lake St. Clair Pool	3	0.1 %
Stony Creek Water Slide	6	0.2 %
Willow Pool	2	0.1 %
Lake Erie Wave Pool	6	0.2 %
Other	12	0.4 %
None chosen	434	15.0 %
Total	2899	100.0 %

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN?

Q4. 2nd choice	Number	Percent
Delhi Metropark	49	1.7 %
Dexter-Huron Metropark	80	2.8 %
Hudson Mills Metropark	101	3.5 %
Huron Meadows Metropark	73	2.5 %
Indian Springs Metropark	88	3.0 %
Kensington Metropark	347	12.0 %
Lake Erie Metropark	70	2.4 %
Lake St. Clair Metropark	147	5.1 %
Lower Huron Metropark	141	4.9 %
Oakwoods Metropark	38	1.3 %
Stony Creek Metropark	278	9.6 %
Willow Metropark	75	2.6 %
Wolcott Mill Metropark	53	1.8 %
Hudson Mills Golf Course	10	0.3 %
Huron Meadows Golf Course	16	0.6 %
Indian Springs Golf Course	11	0.4 %
Kensington Golf Course	28	1.0 %
Lake Erie Golf Course	10	0.3 %
Stony Creek Golf Course	33	1.1 %
Willow Golf Course	9	0.3 %
Hudson Mills Activity Center	3	0.1 %
Indian Springs Environmental Discovery Center	1	0.0 %
Kensington Farm Center	53	1.8 %
Kensington Nature Center	66	2.3 %
Lake Erie Marshlands Museum	3	0.1 %
Lake St. Clair Nature Center	10	0.3 %
Oakwoods Nature Center	8	0.3 %
Stony Creek Nature Center	46	1.6 %
Wolcott Mill Farm Center	14	0.5 %
Wolcott Mill Historic Center	6	0.2 %
Lower Huron Turtle Cove	11	0.4 %
Kensington Splash 'n Blast	18	0.6 %
Lake St. Clair Squirt Zone	10	0.3 %
Lake St. Clair Pool	7	0.2 %
Stony Creek Water Slide	5	0.2 %
Willow Pool	1	0.0 %
Lake Erie Wave Pool	3	0.1 %
Other	10	0.3 %
None chosen	967	33.4 %
Total	2899	100.0 %

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN?

Q4. 3rd choice	Number	Percent
Delhi Metropark	51	1.8 %
Dexter-Huron Metropark	42	1.4 %
Hudson Mills Metropark	66	2.3 %
Huron Meadows Metropark	23	0.8 %
Indian Springs Metropark	29	1.0 %
Kensington Metropark	218	7.5 %
Lake Erie Metropark	61	2.1 %
Lake St. Clair Metropark	102	3.5 %
Lower Huron Metropark	88	3.0 %
Oakwoods Metropark	48	1.7 %
Stony Creek Metropark	111	3.8 %
Willow Metropark	61	2.1 %
Wolcott Mill Metropark	40	1.4 %
Hudson Mills Golf Course	18	0.6 %
Huron Meadows Golf Course	5	0.2 %
Indian Springs Golf Course	13	0.4 %
Kensington Golf Course	27	0.9 %
Lake Erie Golf Course	7	0.2 %
Stony Creek Golf Course	17	0.6 %
Willow Golf Course	3	0.1 %
Hudson Mills Activity Center	1	0.0 %
Indian Springs Environmental Discovery Center	4	0.1 %
Kensington Farm Center	52	1.8 %
Kensington Nature Center	61	2.1 %
Lake Erie Marshlands Museum	1	0.0 %
Lake St. Clair Nature Center	16	0.6 %
Oakwoods Nature Center	1	0.0 %
Stony Creek Nature Center	22	0.8 %
Wolcott Mill Farm Center	16	0.6 %
Wolcott Mill Historic Center	7	0.2 %
Lower Huron Turtle Cove	13	0.4 %
Kensington Splash 'n Blast	10	0.3 %
Indian Springs Spray Pad	4	0.1 %
Lake St. Clair Squirt Zone	8	0.3 %
Lake St. Clair Pool	9	0.3 %
Stony Creek Water Slide	7	0.2 %
Willow Pool	8	0.3 %
Lake Erie Wave Pool	7	0.2 %
Other	2	0.1 %
None chosen	1620	55.9 %
Total	2899	100.0 %

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN?

<u>Q4. 4th choice</u>	<u>Number</u>	<u>Percent</u>
Delhi Metropark	20	0.7 %
Dexter-Huron Metropark	29	1.0 %
Hudson Mills Metropark	31	1.1 %
Huron Meadows Metropark	22	0.8 %
Indian Springs Metropark	30	1.0 %
Kensington Metropark	96	3.3 %
Lake Erie Metropark	45	1.6 %
Lake St. Clair Metropark	28	1.0 %
Lower Huron Metropark	61	2.1 %
Oakwoods Metropark	39	1.3 %
Stony Creek Metropark	52	1.8 %
Willow Metropark	28	1.0 %
Wolcott Mill Metropark	18	0.6 %
Hudson Mills Golf Course	8	0.3 %
Huron Meadows Golf Course	6	0.2 %
Indian Springs Golf Course	7	0.2 %
Kensington Golf Course	26	0.9 %
Lake Erie Golf Course	4	0.1 %
Stony Creek Golf Course	12	0.4 %
Willow Golf Course	6	0.2 %
Hudson Mills Activity Center	4	0.1 %
Indian Springs Environmental Discovery Center	12	0.4 %
Kensington Farm Center	25	0.9 %
Kensington Nature Center	40	1.4 %
Lake Erie Marshlands Museum	6	0.2 %
Lake St. Clair Nature Center	18	0.6 %
Oakwoods Nature Center	8	0.3 %
Stony Creek Nature Center	28	1.0 %
Wolcott Mill Farm Center	16	0.6 %
Wolcott Mill Historic Center	7	0.2 %
Lower Huron Turtle Cove	10	0.3 %
Kensington Splash 'n Blast	19	0.7 %
Indian Springs Spray Pad	7	0.2 %
Lake St. Clair Squirt Zone	6	0.2 %
Lake St. Clair Pool	8	0.3 %
Stony Creek Water Slide	5	0.2 %
Willow Pool	4	0.1 %
Lake Erie Wave Pool	13	0.4 %
Other	6	0.2 %
None chosen	2089	72.1 %
Total	2899	100.0 %

SUM OF TOP 4 CHOICES**Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (top 4)**

<u>Q4. Sum of Top 4 Choices</u>	<u>Number</u>	<u>Percent</u>
Delhi Metropark	158	5.5 %
Dexter-Huron Metropark	230	7.9 %
Hudson Mills Metropark	310	10.7 %
Huron Meadows Metropark	150	5.2 %
Indian Springs Metropark	239	8.2 %
Kensington Metropark	1416	48.8 %
Lake Erie Metropark	298	10.3 %
Lake St. Clair Metropark	591	20.4 %
Lower Huron Metropark	467	16.1 %
Oakwoods Metropark	141	4.9 %
Stony Creek Metropark	898	31.0 %
Willow Metropark	215	7.4 %
Wolcott Mill Metropark	127	4.4 %
Hudson Mills Golf Course	44	1.5 %
Huron Meadows Golf Course	38	1.3 %
Indian Springs Golf Course	50	1.7 %
Kensington Golf Course	99	3.4 %
Lake Erie Golf Course	27	0.9 %
Stony Creek Golf Course	75	2.6 %
Willow Golf Course	20	0.7 %
Hudson Mills Activity Center	9	0.3 %
Indian Springs Environmental Discovery Center	17	0.6 %
Kensington Farm Center	148	5.1 %
Kensington Nature Center	194	6.7 %
Lake Erie Marshlands Museum	12	0.4 %
Lake St. Clair Nature Center	52	1.8 %
Oakwoods Nature Center	20	0.7 %
Stony Creek Nature Center	107	3.7 %
Wolcott Mill Farm Center	48	1.7 %
Wolcott Mill Historic Center	22	0.8 %
Lower Huron Turtle Cove	45	1.6 %
Kensington Splash 'n Blast	53	1.8 %
Indian Springs Spray Pad	14	0.5 %
Lake St. Clair Squirt Zone	28	1.0 %
Lake St. Clair Pool	27	0.9 %
Stony Creek Water Slide	23	0.8 %
Willow Pool	15	0.5 %
Lake Erie Wave Pool	29	1.0 %
Other	30	1.0 %
None chosen	434	15.0 %
Total	6920	

Q5. Prior to receiving this survey, were you aware of the difference between the Huron-Clinton Metroparks system (which consists of the 13 parks listed in Question 3, covering over 25,000 acres in Wayne, Oakland, Macomb, Livingston, and Washtenaw counties) and other park systems operated by the State of Michigan, counties, and cities in Southeast Michigan?

Q5. Were you aware of the difference between Huron-Clinton Metroparks system & other park systems

	Number	Percent
Yes	1965	67.8 %
No	926	31.9 %
Not provided	8	0.3 %
Total	2899	100.0 %

Q6. Do you feel that there are enough parks and green space areas within a 10-minute walk of your residence?

Q6. Are there enough parks & green space areas within a 10-minute walk of your residence

	Number	Percent
Yes	1016	35.0 %
No	1654	57.1 %
Not provided	229	7.9 %
Total	2899	100.0 %

Q7. Do you feel that there are enough parks and green space areas within a 15-minute drive of your residence?

Q7. Are there enough parks & green space areas within a 15-minute drive of your residence

	Number	Percent
Yes	1592	54.9 %
No	1053	36.3 %
Not provided	254	8.8 %
Total	2899	100.0 %

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

(N=2899)

	Yes	No
Q8-1. Beaches	52.6%	47.4%
Q8-2. Boat docks	14.0%	86.0%
Q8-3. Boat ramps	15.1%	84.9%
Q8-4. Camping areas-RVs	17.2%	82.8%
Q8-5. Camping areas-group sites	15.9%	84.1%
Q8-6. Camping areas-primitive sites	16.5%	83.5%
Q8-7. Canoe/kayak launch sites	37.1%	62.9%
Q8-8. Canoe/kayak rentals	30.5%	69.5%
Q8-9. Disc golf	11.8%	88.2%
Q8-10. Fishing banks or docks	27.8%	72.2%
Q8-11. Golf courses	22.2%	77.8%
Q8-12. Golf driving ranges	16.5%	83.5%
Q8-13. Marinas	8.6%	91.4%
Q8-14. Natural areas	59.6%	40.4%
Q8-15. Nature centers	47.9%	52.1%
Q8-16. Picnic shelters	40.6%	59.4%
Q8-17. Picnic tables	44.0%	56.0%
Q8-18. Playgrounds	33.7%	66.3%
Q8a-19. Splash pad (water play area)	25.5%	74.5%
Q8-20. Outdoor swimming pools	30.0%	70.0%
Q8-21. Waterslides	20.7%	79.3%
Q8-22. Trails-mountain biking	26.3%	73.7%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

	Yes	No
Q8-23. Trails-paved, multi-use (walking, biking)	65.2%	34.8%
Q8-24. Trails-unpaved, hiking	49.1%	50.9%
Q8-25. Trails-unpaved, nature trails	50.7%	49.3%
Q8-26. Other	4.5%	95.5%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

(N=2786)

	100% met	75% met	50% met	25% met	0% met
Q8-1. Beaches	22.7%	27.3%	26.7%	16.8%	6.5%
Q8-2. Boat docks	27.3%	29.2%	24.6%	13.0%	5.9%
Q8-3. Boat ramps	30.3%	32.8%	21.6%	11.4%	3.7%
Q8-4. Camping areas-RVs	15.1%	26.9%	22.7%	18.7%	16.5%
Q8-5. Camping areas-group sites	14.6%	22.6%	26.8%	20.9%	15.1%
Q8-6. Camping areas-primitive sites	10.9%	18.1%	24.2%	22.6%	24.2%
Q8-7. Canoe/kayak launch sites	22.4%	27.8%	27.8%	19.0%	2.9%
Q8-8. Canoe/kayak rentals	19.0%	19.8%	27.6%	24.9%	8.7%
Q8-9. Disc golf	28.0%	24.5%	29.3%	11.8%	6.4%
Q8-10. Fishing banks or docks	18.2%	27.4%	28.6%	20.9%	5.0%
Q8-11. Golf courses	51.6%	27.5%	13.7%	5.8%	1.5%
Q8-12. Golf driving ranges	25.8%	23.0%	24.4%	16.0%	10.8%
Q8-13. Marinas	27.2%	22.6%	29.4%	12.3%	8.5%
Q8-14. Natural areas	33.3%	31.8%	22.6%	10.2%	2.1%
Q8-15. Nature centers	29.9%	27.8%	25.3%	13.9%	3.1%
Q8-16. Picnic shelters	30.6%	32.5%	21.6%	13.2%	2.2%
Q8-17. Picnic tables	34.4%	31.6%	20.1%	11.7%	2.3%
Q8-18. Playgrounds	31.4%	32.2%	21.9%	11.6%	2.9%
Q8a-19. Splash pad (water play area)	23.4%	23.1%	24.2%	19.9%	9.4%
Q8-20. Outdoor swimming pools	13.5%	14.4%	21.9%	22.7%	27.4%
Q8-21. Waterslides	12.0%	17.7%	22.9%	24.9%	22.5%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

	100% met	75% met	50% met	25% met	0% met
Q8-22. Trails-mountain biking	23.8%	26.7%	26.0%	16.8%	6.7%
Q8-23. Trails-paved, multi-use (walking, biking)	34.3%	29.8%	23.3%	10.3%	2.4%
Q8-24. Trails-unpaved, hiking	27.7%	30.9%	24.3%	12.7%	4.3%
Q8-25. Trails-unpaved, nature trails	27.4%	30.2%	26.2%	12.9%	3.3%
Q8-26. Other	4.7%	12.1%	25.2%	21.5%	36.4%

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household?

<u>Q9. Top choice</u>	<u>Number</u>	<u>Percent</u>
Beaches	414	14.3 %
Boat docks	36	1.2 %
Boat ramps	67	2.3 %
Camping areas-RVs	72	2.5 %
Camping areas-group sites	37	1.3 %
Camping areas-primitive sites	38	1.3 %
Canoe/kayak launch sites	124	4.3 %
Canoe/kayak rentals	42	1.4 %
Disc golf	34	1.2 %
Fishing banks or docks	93	3.2 %
Golf courses	187	6.5 %
Golf driving ranges	6	0.2 %
Marinas	17	0.6 %
Natural areas	276	9.5 %
Nature centers	68	2.3 %
Picnic shelters	65	2.2 %
Picnic tables	28	1.0 %
Playgrounds	77	2.7 %
Splash pad (water play area)	25	0.9 %
Outdoor swimming pools	56	1.9 %
Waterslides	4	0.1 %
Trails-mountain biking	89	3.1 %
Trails-paved, multi-use (walking, biking)	508	17.5 %
Trails-unpaved, hiking	187	6.5 %
Trails-unpaved, nature trails	96	3.3 %
Other	33	1.1 %
None chosen	220	7.6 %
Total	2899	100.0 %

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household?

Q9. 2nd choice	Number	Percent
Beaches	190	6.6 %
Boat docks	73	2.5 %
Boat ramps	56	1.9 %
Camping areas-RVs	58	2.0 %
Camping areas-group sites	54	1.9 %
Camping areas-primitive sites	37	1.3 %
Canoe/kayak launch sites	151	5.2 %
Canoe/kayak rentals	89	3.1 %
Disc golf	24	0.8 %
Fishing banks or docks	97	3.3 %
Golf courses	92	3.2 %
Golf driving ranges	66	2.3 %
Marinas	11	0.4 %
Natural areas	203	7.0 %
Nature centers	139	4.8 %
Picnic shelters	86	3.0 %
Picnic tables	92	3.2 %
Playgrounds	83	2.9 %
Splash pad (water play area)	65	2.2 %
Outdoor swimming pools	59	2.0 %
Waterslides	12	0.4 %
Trails-mountain biking	54	1.9 %
Trails-paved, multi-use (walking, biking)	286	9.9 %
Trails-unpaved, hiking	231	8.0 %
Trails-unpaved, nature trails	244	8.4 %
Other	18	0.6 %
None chosen	329	11.3 %
Total	2899	100.0 %

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household?

Q9. 3rd choice	Number	Percent
Beaches	173	6.0 %
Boat docks	20	0.7 %
Boat ramps	36	1.2 %
Camping areas-RVs	31	1.1 %
Camping areas-group sites	43	1.5 %
Camping areas-primitive sites	50	1.7 %
Canoe/kayak launch sites	116	4.0 %
Canoe/kayak rentals	89	3.1 %
Disc golf	21	0.7 %
Fishing banks or docks	119	4.1 %
Golf courses	69	2.4 %
Golf driving ranges	34	1.2 %
Marinas	25	0.9 %
Natural areas	185	6.4 %
Nature centers	133	4.6 %
Picnic shelters	125	4.3 %
Picnic tables	103	3.6 %
Playgrounds	102	3.5 %
Splash pad (water play area)	85	2.9 %
Outdoor swimming pools	94	3.2 %
Waterslides	37	1.3 %
Trails-mountain biking	51	1.8 %
Trails-paved, multi-use (walking, biking)	254	8.8 %
Trails-unpaved, hiking	208	7.2 %
Trails-unpaved, nature trails	183	6.3 %
Other	22	0.8 %
None chosen	491	16.9 %
Total	2899	100.0 %

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household?

Q9. 4th choice	Number	Percent
Beaches	154	5.3 %
Boat docks	21	0.7 %
Boat ramps	23	0.8 %
Camping areas-RVs	27	0.9 %
Camping areas-group sites	27	0.9 %
Camping areas-primitive sites	49	1.7 %
Canoe/kayak launch sites	109	3.8 %
Canoe/kayak rentals	91	3.1 %
Disc golf	22	0.8 %
Fishing banks or docks	78	2.7 %
Golf courses	40	1.4 %
Golf driving ranges	33	1.1 %
Marinas	24	0.8 %
Natural areas	167	5.8 %
Nature centers	125	4.3 %
Picnic shelters	111	3.8 %
Picnic tables	123	4.2 %
Playgrounds	110	3.8 %
Splash pad (water play area)	67	2.3 %
Outdoor swimming pools	115	4.0 %
Waterslides	32	1.1 %
Trails-mountain biking	46	1.6 %
Trails-paved, multi-use (walking, biking)	199	6.9 %
Trails-unpaved, hiking	123	4.2 %
Trails-unpaved, nature trails	204	7.0 %
Other	24	0.8 %
None chosen	755	26.0 %
Total	2899	100.0 %

SUM OF TOP 4 CHOICES

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household? (top 4)

Q9. Sum of Top 4 Choices	Number	Percent
Beaches	931	32.1 %
Boat docks	150	5.2 %
Boat ramps	182	6.3 %
Camping areas-RVs	188	6.5 %
Camping areas-group sites	161	5.6 %
Camping areas-primitive sites	174	6.0 %
Canoe/kayak launch sites	500	17.2 %
Canoe/kayak rentals	311	10.7 %
Disc golf	101	3.5 %
Fishing banks or docks	387	13.3 %
Golf courses	388	13.4 %
Golf driving ranges	139	4.8 %
Marinas	77	2.7 %
Natural areas	831	28.7 %
Nature centers	465	16.0 %
Picnic shelters	387	13.3 %
Picnic tables	346	11.9 %
Playgrounds	372	12.8 %
Splash pad (water play area)	242	8.3 %
Outdoor swimming pools	324	11.2 %
Waterslides	85	2.9 %
Trails-mountain biking	240	8.3 %
Trails-paved, multi-use (walking, biking)	1247	43.0 %
Trails-unpaved, hiking	749	25.8 %
Trails-unpaved, nature trails	727	25.1 %
Other	97	3.3 %
None chosen	220	7.6 %
Total	10021	

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

(N=2899)

	Yes	No
Q10-1. Art/photography	29.8%	70.2%
Q10-2. Astronomy programs	25.7%	74.3%
Q10-3. Bird/wildlife watching programs	35.0%	65.0%
Q10-4. Boating classes	13.0%	87.0%
Q10-5. Camping	29.1%	70.9%
Q10-6. Concerts	43.6%	56.4%
Q10-7. Environmental education programs	27.5%	72.5%
Q10-8. Farm educational programs	17.8%	82.2%
Q10-9. Fishing programs	18.9%	81.1%
Q10-10. Golf lessons	13.6%	86.4%
Q10-11. Golf tournaments	6.5%	93.5%
Q10-12. Guided motorized boat tours	9.6%	90.4%
Q10-13. Guided canoe/kayak tours	20.9%	79.1%
Q10-14. Guided nature hikes	24.1%	75.9%
Q10-15. Homeschool programs	6.0%	94.0%
Q10-16. Movies in the park	28.1%	71.9%
Q10-17. Natural/cultural history programs	21.3%	78.7%
Q10-18. Pet-friendly programs	27.4%	72.6%
Q10-19. Programs for people with disabilities	13.3%	86.7%
Q10-20. Running clubs/programs	8.5%	91.5%
Q10-21. Scouting	5.9%	94.1%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

	Yes	No
Q10-22. Swim lessons	14.8%	85.2%
Q10-23. Virtual programs	5.3%	94.7%
Q10-24. Walking clubs/programs	26.3%	73.7%
Q10-25. Water fitness programs	19.1%	80.9%
Q10-26. Other	2.9%	97.1%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

(N=2567)

	100% met	75% met	50% met	25% met	0% met
Q10-1. Art/photography	13.2%	19.1%	24.7%	24.4%	18.7%
Q10-2. Astronomy programs	3.9%	8.8%	21.2%	27.6%	38.5%
Q10-3. Bird/wildlife watching programs	13.1%	19.9%	29.2%	23.3%	14.5%
Q10-4. Boating classes	7.4%	17.9%	22.8%	22.8%	29.2%
Q10-5. Camping	12.9%	21.2%	28.6%	22.9%	14.4%
Q10-6. Concerts	9.7%	19.8%	31.3%	24.9%	14.3%
Q10-7. Environmental education programs	7.7%	20.2%	31.4%	27.2%	13.5%
Q10-8. Farm educational programs	9.7%	18.4%	25.1%	26.4%	20.5%
Q10-9. Fishing programs	5.0%	17.5%	28.6%	26.9%	22.1%
Q10-10. Golf lessons	7.1%	12.4%	28.0%	20.5%	32.0%
Q10-11. Golf tournaments	6.7%	6.7%	27.5%	30.9%	28.2%
Q10-12. Guided motorized boat tours	4.7%	11.4%	16.9%	22.5%	44.5%
Q10-13. Guided canoe/kayak tours	3.7%	6.8%	20.1%	28.3%	41.1%
Q10-14. Guided nature hikes	4.0%	8.0%	26.6%	29.7%	31.6%
Q10-15. Homeschool programs	8.3%	9.0%	26.2%	24.8%	31.7%
Q10-16. Movies in the park	6.2%	12.2%	24.8%	29.0%	27.9%
Q10-17. Natural/cultural history programs	6.6%	13.2%	30.8%	26.7%	22.7%
Q10-18. Pet-friendly programs	5.3%	10.5%	26.7%	27.7%	29.8%
Q10-19. Programs for people with disabilities	4.6%	8.2%	21.1%	35.5%	30.6%
Q10-20. Running clubs/programs	6.8%	8.7%	29.0%	20.8%	34.8%
Q10-21. Scouting	15.3%	20.1%	24.3%	22.9%	17.4%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

	100% met	75% met	50% met	25% met	0% met
Q10-22. Swim lessons	7.7%	9.6%	21.9%	27.7%	33.1%
Q10-23. Virtual programs	6.1%	14.0%	18.4%	24.6%	36.8%
Q10-24. Walking clubs/programs	3.8%	9.6%	25.4%	27.6%	33.6%
Q10-25. Water fitness programs	4.8%	5.0%	19.5%	30.9%	39.7%
Q10-26. Other	9.6%	8.2%	19.2%	16.4%	46.6%

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household?

Q11. Top choice	Number	Percent
Art/photography	166	5.7 %
Astronomy programs	93	3.2 %
Bird/wildlife watching programs	222	7.7 %
Boating classes	55	1.9 %
Camping	232	8.0 %
Concerts	279	9.6 %
Environmental education programs	112	3.9 %
Farm educational programs	60	2.1 %
Fishing programs	106	3.7 %
Golf lessons	69	2.4 %
Golf tournaments	44	1.5 %
Guided motorized boat tours	14	0.5 %
Guided canoe/kayak tours	57	2.0 %
Guided nature hikes	91	3.1 %
Homeschool programs	27	0.9 %
Movies in the park	42	1.4 %
Natural/cultural history programs	58	2.0 %
Pet-friendly programs	166	5.7 %
Programs for people with disabilities	72	2.5 %
Running clubs/programs	29	1.0 %
Scouting	19	0.7 %
Swim lessons	82	2.8 %
Virtual programs	5	0.2 %
Walking clubs/programs	144	5.0 %
Water fitness programs	65	2.2 %
Other	47	1.6 %
None chosen	543	18.7 %
Total	2899	100.0 %

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household?

Q11. 2nd choice	Number	Percent
Art/photography	117	4.0 %
Astronomy programs	110	3.8 %
Bird/wildlife watching programs	199	6.9 %
Boating classes	36	1.2 %
Camping	149	5.1 %
Concerts	212	7.3 %
Environmental education programs	163	5.6 %
Farm educational programs	68	2.3 %
Fishing programs	96	3.3 %
Golf lessons	73	2.5 %
Golf tournaments	25	0.9 %
Guided motorized boat tours	13	0.4 %
Guided canoe/kayak tours	79	2.7 %
Guided nature hikes	113	3.9 %
Homeschool programs	14	0.5 %
Movies in the park	101	3.5 %
Natural/cultural history programs	79	2.7 %
Pet-friendly programs	122	4.2 %
Programs for people with disabilities	44	1.5 %
Running clubs/programs	32	1.1 %
Scouting	12	0.4 %
Swim lessons	47	1.6 %
Virtual programs	7	0.2 %
Walking clubs/programs	94	3.2 %
Water fitness programs	57	2.0 %
Other	15	0.5 %
None chosen	822	28.4 %
Total	2899	100.0 %

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household?

Q11. 3rd choice	Number	Percent
Art/photography	116	4.0 %
Astronomy programs	104	3.6 %
Bird/wildlife watching programs	126	4.3 %
Boating classes	18	0.6 %
Camping	81	2.8 %
Concerts	140	4.8 %
Environmental education programs	107	3.7 %
Farm educational programs	55	1.9 %
Fishing programs	78	2.7 %
Golf lessons	45	1.6 %
Golf tournaments	19	0.7 %
Guided motorized boat tours	34	1.2 %
Guided canoe/kayak tours	92	3.2 %
Guided nature hikes	117	4.0 %
Homeschool programs	18	0.6 %
Movies in the park	141	4.9 %
Natural/cultural history programs	90	3.1 %
Pet-friendly programs	101	3.5 %
Programs for people with disabilities	45	1.6 %
Running clubs/programs	24	0.8 %
Scouting	11	0.4 %
Swim lessons	52	1.8 %
Virtual programs	14	0.5 %
Walking clubs/programs	102	3.5 %
Water fitness programs	67	2.3 %
Other	23	0.8 %
None chosen	1079	37.2 %
Total	2899	100.0 %

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household?

Q11. 4th choice	Number	Percent
Art/photography	85	2.9 %
Astronomy programs	99	3.4 %
Bird/wildlife watching programs	63	2.2 %
Boating classes	40	1.4 %
Camping	61	2.1 %
Concerts	92	3.2 %
Environmental education programs	77	2.7 %
Farm educational programs	58	2.0 %
Fishing programs	45	1.6 %
Golf lessons	40	1.4 %
Golf tournaments	12	0.4 %
Guided motorized boat tours	28	1.0 %
Guided canoe/kayak tours	79	2.7 %
Guided nature hikes	103	3.6 %
Homeschool programs	17	0.6 %
Movies in the park	88	3.0 %
Natural/cultural history programs	102	3.5 %
Pet-friendly programs	87	3.0 %
Programs for people with disabilities	47	1.6 %
Running clubs/programs	25	0.9 %
Scouting	14	0.5 %
Swim lessons	49	1.7 %
Virtual programs	21	0.7 %
Walking clubs/programs	118	4.1 %
Water fitness programs	65	2.2 %
Other	23	0.8 %
None chosen	1361	46.9 %
Total	2899	100.0 %

SUM OF TOP 4 CHOICES

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household? (top 4)

<u>Q11. Sum of Top 4 Choices</u>	<u>Number</u>	<u>Percent</u>
Art/photography	484	16.7 %
Astronomy programs	406	14.0 %
Bird/wildlife watching programs	610	21.0 %
Boating classes	149	5.1 %
Camping	523	18.0 %
Concerts	723	24.9 %
Environmental education programs	459	15.8 %
Farm educational programs	241	8.3 %
Fishing programs	325	11.2 %
Golf lessons	227	7.8 %
Golf tournaments	100	3.4 %
Guided motorized boat tours	89	3.1 %
Guided canoe/kayak tours	307	10.6 %
Guided nature hikes	424	14.6 %
Homeschool programs	76	2.6 %
Movies in the park	372	12.8 %
Natural/cultural history programs	329	11.3 %
Pet-friendly programs	476	16.4 %
Programs for people with disabilities	208	7.2 %
Running clubs/programs	110	3.8 %
Scouting	56	1.9 %
Swim lessons	230	7.9 %
Virtual programs	47	1.6 %
Walking clubs/programs	458	15.8 %
Water fitness programs	254	8.8 %
Other	108	3.7 %
None chosen	543	18.7 %
Total	8334	

Q12. Have you or other members of your household used any of the trails operated by Huron-Clinton Metroparks during the past year?

Q12. Has your household used any trails operated by Huron-Clinton Metroparks during past year	Number	Percent
Yes	1782	61.5 %
No	887	30.6 %
Don't remember	230	7.9 %
Total	2899	100.0 %

Q12a. Which of the following activities did you or other members of your household participate in on trails operated by Huron-Clinton Metroparks during the past year?

Q12a. Which following activities did your household participate in on trails operated by Huron-Clinton Metroparks during past year	Number	Percent
Walk on nature trails	1404	78.8 %
Walk on paved trails	1319	74.0 %
Walk/run dog on paved trails	500	28.1 %
Run on paved trails	251	14.1 %
Hike on rustic trails	704	39.5 %
Cycle on paved trails	764	42.9 %
Cycle on mountain bike trails	256	14.4 %
Cycle on roadways	252	14.1 %
In-line skate on paved trails	77	4.3 %
Horseback riding	44	2.5 %
Total	5571	

Q13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often.

Q13. All the reasons that prevent your household from using parks & facilities operated by Huron-Clinton Metroparks more often

	Number	Percent
Facilities are not well maintained	136	4.7 %
Not interested in programs/facilities offered	149	5.1 %
Facilities lack right equipment	87	3.0 %
I don't feel safe	144	5.0 %
Lack of quality programs	119	4.1 %
Location is not convenient	949	32.7 %
Programs are always full	73	2.5 %
Program times are not convenient	184	6.3 %
Use services/facilities provided by other organizations	124	4.3 %
Cost/fees are too high	352	12.1 %
Poor customer service by staff	44	1.5 %
I do not know locations of facilities	395	13.6 %
Not accessible for people with disabilities	107	3.7 %
I do not know what is being offered	1106	38.2 %
Facility operating hours not convenient	78	2.7 %
Registration for programs is difficult	51	1.8 %
Lack of parking by facilities & parks	58	2.0 %
Lack of transportation	93	3.2 %
No time to visit parks	479	16.5 %
Don't visit parks of any kind	34	1.2 %
Program topics are not interesting to me	82	2.8 %
I do not feel welcome in parks	44	1.5 %
Other	231	8.0 %
None	609	21.0 %
Total	5728	

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations.

(N=2899)

	Very supportive	Somewhat supportive	Not supportive	Don't know
Q14-1. Aquatic facilities (swimming pools, wave pools, lazy rivers)	41.6%	34.5%	10.2%	13.6%
Q14-2. Boardwalks	49.6%	33.1%	4.2%	13.1%
Q14-3. Boat ramps	25.3%	39.0%	15.7%	20.1%
Q14-4. Campgrounds	37.8%	36.7%	10.0%	15.5%
Q14-5. Canoe/kayak launches	45.4%	32.0%	6.9%	15.7%
Q14-6. Nature centers	60.6%	24.4%	4.3%	10.7%
Q14-7. Picnic shelters	50.5%	34.4%	4.2%	10.9%
Q14-8. Playgrounds	54.0%	27.7%	6.1%	12.2%
Q14-9. Restrooms	78.9%	11.2%	2.4%	7.5%
Q14-10. Splash pads (water playground)	34.4%	37.0%	13.0%	15.7%
Q14-11. Trails-paved, multi-use	66.8%	19.7%	3.3%	10.2%
Q14-12. Trails-unpaved, nature trails	64.2%	21.6%	3.6%	10.6%
Q14-13. Other	84.6%	15.4%	0.0%	0.0%

WITHOUT DON'T KNOW

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

(N=2899)

	Very supportive	Somewhat supportive	Not supportive
Q14-1. Aquatic facilities (swimming pools, wave pools, lazy rivers)	48.2%	39.9%	11.9%
Q14-2. Boardwalks	57.0%	38.2%	4.8%
Q14-3. Boat ramps	31.6%	48.8%	19.6%
Q14-4. Campgrounds	44.7%	43.4%	11.9%
Q14-5. Canoe/kayak launches	53.8%	38.0%	8.2%
Q14-6. Nature centers	67.9%	27.3%	4.8%
Q14-7. Picnic shelters	56.7%	38.6%	4.8%
Q14-8. Playgrounds	61.5%	31.6%	7.0%
Q14-9. Restrooms	85.2%	12.2%	2.6%
Q14-10. Splash pads (water playground)	40.7%	43.9%	15.4%
Q14-11. Trails-paved, multi-use	74.4%	21.9%	3.7%
Q14-12. Trails-unpaved, nature trails	71.8%	24.2%	4.1%
Q14-13. Other	84.6%	15.4%	0.0%

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household?

<u>Q15. Top choice</u>	<u>Number</u>	<u>Percent</u>
Aquatic facilities (swimming pools, wave pools, lazy rivers)	337	11.6 %
Boardwalks	116	4.0 %
Boat ramps	109	3.8 %
Campgrounds	136	4.7 %
Canoe/kayak launches	139	4.8 %
Nature centers	191	6.6 %
Picnic shelters	101	3.5 %
Playgrounds	105	3.6 %
Restrooms	270	9.3 %
Splash pads (water playground)	24	0.8 %
Trails-paved, multi-use	576	19.9 %
Trails-unpaved, nature trails	398	13.7 %
Other	61	2.1 %
None chosen	336	11.6 %
Total	2899	100.0 %

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household?

<u>Q15. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Aquatic facilities (swimming pools, wave pools, lazy rivers)	144	5.0 %
Boardwalks	163	5.6 %
Boat ramps	60	2.1 %
Campgrounds	127	4.4 %
Canoe/kayak launches	162	5.6 %
Nature centers	217	7.5 %
Picnic shelters	168	5.8 %
Playgrounds	177	6.1 %
Restrooms	372	12.8 %
Splash pads (water playground)	60	2.1 %
Trails-paved, multi-use	384	13.2 %
Trails-unpaved, nature trails	400	13.8 %
Other	13	0.4 %
None chosen	452	15.6 %
Total	2899	100.0 %

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household?

<u>Q15. 3rd choice</u>	<u>Number</u>	<u>Percent</u>
Aquatic facilities (swimming pools, wave pools, lazy rivers)	146	5.0 %
Boardwalks	184	6.3 %
Boat ramps	34	1.2 %
Campgrounds	116	4.0 %
Canoe/kayak launches	156	5.4 %
Nature centers	233	8.0 %
Picnic shelters	198	6.8 %
Playgrounds	157	5.4 %
Restrooms	452	15.6 %
Splash pads (water playground)	106	3.7 %
Trails-paved, multi-use	243	8.4 %
Trails-unpaved, nature trails	231	8.0 %
Other	28	1.0 %
None chosen	615	21.2 %
Total	2899	100.0 %

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household?

<u>Q15. 4th choice</u>	<u>Number</u>	<u>Percent</u>
Aquatic facilities (swimming pools, wave pools, lazy rivers)	134	4.6 %
Boardwalks	169	5.8 %
Boat ramps	30	1.0 %
Campgrounds	129	4.4 %
Canoe/kayak launches	131	4.5 %
Nature centers	210	7.2 %
Picnic shelters	149	5.1 %
Playgrounds	151	5.2 %
Restrooms	388	13.4 %
Splash pads (water playground)	105	3.6 %
Trails-paved, multi-use	221	7.6 %
Trails-unpaved, nature trails	212	7.3 %
Other	25	0.9 %
None chosen	845	29.1 %
Total	2899	100.0 %

SUM OF TOP 4 CHOICES

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household? (top 4)

Q15. Sum of Top 4 Choices	Number	Percent
Aquatic facilities (swimming pools, wave pools, lazy rivers)	761	26.3 %
Boardwalks	632	21.8 %
Boat ramps	233	8.0 %
Campgrounds	508	17.5 %
Canoe/kayak launches	588	20.3 %
Nature centers	851	29.4 %
Picnic shelters	616	21.2 %
Playgrounds	590	20.4 %
Restrooms	1482	51.1 %
Splash pads (water playground)	295	10.2 %
Trails-paved, multi-use	1424	49.1 %
Trails-unpaved, nature trails	1241	42.8 %
Other	127	4.4 %
None chosen	336	11.6 %
Total	9684	

Q16. Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

Q16. All the ways you learn about Huron-Clinton

<u>Metroparks facilities, programs, & services</u>	<u>Number</u>	<u>Percent</u>
Web/Google searches	1422	49.1 %
Metroparks website	1637	56.5 %
Information sent home from schools	106	3.7 %
Social media	703	24.2 %
From friends, family & neighbors	1172	40.4 %
Email blasts	283	9.8 %
Local print newspapers	344	11.9 %
Digital news resources	182	6.3 %
Digital ads on websites & apps	109	3.8 %
Direct mailers sent to my home	260	9.0 %
Printed flyers & programming guides	214	7.4 %
In-park signage from previous visits	676	23.3 %
Radio stations	172	5.9 %
Local news stations	240	8.3 %
Roadside billboards	139	4.8 %
Other	64	2.2 %
Total	7723	

Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services?

<u>Q17. Top choice</u>	<u>Number</u>	<u>Percent</u>
Web/Google searches	519	17.9 %
Metroparks website	803	27.7 %
Information sent home from schools	34	1.2 %
Social media	248	8.6 %
From friends, family & neighbors	155	5.3 %
Email blasts	289	10.0 %
Local print newspapers	66	2.3 %
Digital news resources	27	0.9 %
Digital ads on websites & apps	10	0.3 %
Direct mailers sent to my home	197	6.8 %
Printed flyers & programming guides	36	1.2 %
In-park signage from previous visits	38	1.3 %
Radio stations	18	0.6 %
Local news stations	27	0.9 %
Roadside billboards	13	0.4 %
Other	13	0.4 %
None chosen	406	14.0 %
Total	2899	100.0 %

Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services?

<u>Q17. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Web/Google searches	381	13.1 %
Metroparks website	507	17.5 %
Information sent home from schools	36	1.2 %
Social media	200	6.9 %
From friends, family & neighbors	229	7.9 %
Email blasts	156	5.4 %
Local print newspapers	71	2.4 %
Digital news resources	41	1.4 %
Digital ads on websites & apps	26	0.9 %
Direct mailers sent to my home	150	5.2 %
Printed flyers & programming guides	90	3.1 %
In-park signage from previous visits	66	2.3 %
Radio stations	38	1.3 %
Local news stations	42	1.4 %
Roadside billboards	21	0.7 %
Other	8	0.3 %
None chosen	837	28.9 %
Total	2899	100.0 %

Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services?

Q17. 3rd choice	Number	Percent
Web/Google searches	138	4.8 %
Metroparks website	170	5.9 %
Information sent home from schools	40	1.4 %
Social media	197	6.8 %
From friends, family & neighbors	213	7.3 %
Email blasts	98	3.4 %
Local print newspapers	89	3.1 %
Digital news resources	74	2.6 %
Digital ads on websites & apps	48	1.7 %
Direct mailers sent to my home	135	4.7 %
Printed flyers & programming guides	105	3.6 %
In-park signage from previous visits	154	5.3 %
Radio stations	53	1.8 %
Local news stations	58	2.0 %
Roadside billboards	49	1.7 %
Other	18	0.6 %
None chosen	1260	43.5 %
Total	2899	100.0 %

Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services?

Q17. 4th choice	Number	Percent
Web/Google searches	109	3.8 %
Metroparks website	97	3.3 %
Information sent home from schools	19	0.7 %
Social media	105	3.6 %
From friends, family & neighbors	131	4.5 %
Email blasts	73	2.5 %
Local print newspapers	62	2.1 %
Digital news resources	53	1.8 %
Digital ads on websites & apps	47	1.6 %
Direct mailers sent to my home	113	3.9 %
Printed flyers & programming guides	96	3.3 %
In-park signage from previous visits	155	5.3 %
Radio stations	50	1.7 %
Local news stations	85	2.9 %
Roadside billboards	53	1.8 %
Other	23	0.8 %
None chosen	1628	56.2 %
Total	2899	100.0 %

SUM OF TOP 4 CHOICES**Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services? (top 4)**

Q17. Sum of Top 4 Choices	Number	Percent
Web/Google searches	1147	39.6 %
Metroparks website	1577	54.4 %
Information sent home from schools	129	4.4 %
Social media	750	25.9 %
From friends, family & neighbors	728	25.1 %
Email blasts	616	21.2 %
Local print newspapers	288	9.9 %
Digital news resources	195	6.7 %
Digital ads on websites & apps	131	4.5 %
Direct mailers sent to my home	595	20.5 %
Printed flyers & programming guides	327	11.3 %
In-park signage from previous visits	413	14.2 %
Radio stations	159	5.5 %
Local news stations	212	7.3 %
Roadside billboards	136	4.7 %
Other	62	2.1 %
None chosen	406	14.0 %
Total	7871	

Q18. Are you or other members of your household currently using any indoor or outdoor aquatic facilities?

Q18. Is your household currently using any indoor or outdoor aquatic facilities	Number	Percent
Yes	510	17.6 %
No	2389	82.4 %
Total	2899	100.0 %

Q18a. What type of aquatic facilities are you currently using?

Q18a. What type of aquatic facilities are you currently using	Number	Percent
Indoor	240	47.1 %
Outdoor	106	20.8 %
Both indoor & outdoor	152	29.8 %
Not provided	12	2.4 %
Total	510	100.0 %

Q18b. What types of swimming do you or members of your household participate in?

Q18b. What types of swimming does your household participate in	Number	Percent
Competitive swimming	45	8.8 %
Recreational swimming	315	61.8 %
Lap swimming	158	31.0 %
Therapy swimming	86	16.9 %
Water exercise	203	39.8 %
Outdoor seasonal swimming	177	34.7 %
Swim lessons	116	22.7 %
Training/educational	24	4.7 %
Other	9	1.8 %
Total	1133	

Q18c. How well do existing aquatic facilities meet the needs of your household?

Q18c. How well do existing aquatic facilities meet needs of your household	Number	Percent
Completely meet our needs	90	17.6 %
Mostly meet our needs	177	34.7 %
Partly meet our needs	185	36.3 %
Doesn't meet our needs	45	8.8 %
Not provided	13	2.5 %
Total	510	100.0 %

Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community.

(N=2899)

	Strongly needed	Somewhat needed	Not needed	Not sure
Q19-1. Area for water fitness	32.9%	34.1%	10.8%	22.2%
Q19-2. Competition swimming	7.0%	26.9%	32.9%	33.3%
Q19-3. Deep water area	13.1%	32.7%	21.9%	32.2%
Q19-4. Family-oriented warm water pool	39.1%	29.1%	10.2%	21.5%
Q19-5. Lap lanes for recreational lap swimming	24.9%	34.4%	14.5%	26.2%
Q19-6. Lazy river	27.3%	32.4%	15.4%	25.0%
Q19-7. Outdoor seasonal leisure pool	34.0%	32.0%	11.1%	23.0%
Q19-8. Outdoor spray ground	25.3%	32.0%	14.3%	28.4%
Q19-9. Warm water pool for swim lessons or therapy	38.5%	29.0%	10.2%	22.4%
Q19-10. Whirlpool/hot tub	20.4%	22.5%	31.1%	26.0%
Q19-11. Other	78.3%	21.7%	0.0%	0.0%

WITHOUT NOT SURE

Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")

(N=2899)

	Strongly needed	Somewhat needed	Not needed
Q19-1. Area for water fitness	42.3%	43.8%	13.9%
Q19-2. Competition swimming	10.4%	40.3%	49.3%
Q19-3. Deep water area	19.4%	48.3%	32.3%
Q19-4. Family-oriented warm water pool	49.8%	37.1%	13.0%
Q19-5. Lap lanes for recreational lap swimming	33.7%	46.6%	19.7%
Q19-6. Lazy river	36.3%	43.1%	20.6%
Q19-7. Outdoor seasonal leisure pool	44.1%	41.5%	14.4%
Q19-8. Outdoor spray ground	35.3%	44.7%	19.9%
Q19-9. Warm water pool for swim lessons or therapy	49.5%	37.4%	13.1%
Q19-10. Whirlpool/hot tub	27.6%	30.4%	42.0%
Q19-11. Other	78.3%	21.7%	0.0%

Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community?

<u>Q20. Top choice</u>	<u>Number</u>	<u>Percent</u>
Area for water fitness	575	19.8 %
Competition swimming	27	0.9 %
Deep water area	83	2.9 %
Family-oriented warm water pool	576	19.9 %
Lap lanes for recreational lap swimming	180	6.2 %
Lazy river	217	7.5 %
Outdoor seasonal leisure pool	193	6.7 %
Outdoor spray ground	99	3.4 %
Warm water pool for swim lessons or therapy	189	6.5 %
Whirlpool/hot tub	72	2.5 %
Other	15	0.5 %
None chosen	673	23.2 %
Total	2899	100.0 %

Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community?

<u>Q20. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Area for water fitness	224	7.7 %
Competition swimming	36	1.2 %
Deep water area	71	2.4 %
Family-oriented warm water pool	342	11.8 %
Lap lanes for recreational lap swimming	208	7.2 %
Lazy river	327	11.3 %
Outdoor seasonal leisure pool	286	9.9 %
Outdoor spray ground	123	4.2 %
Warm water pool for swim lessons or therapy	290	10.0 %
Whirlpool/hot tub	96	3.3 %
Other	2	0.1 %
None chosen	894	30.8 %
Total	2899	100.0 %

Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community?

<u>Q20. 3rd choice</u>	<u>Number</u>	<u>Percent</u>
Area for water fitness	162	5.6 %
Competition swimming	40	1.4 %
Deep water area	71	2.4 %
Family-oriented warm water pool	231	8.0 %
Lap lanes for recreational lap swimming	153	5.3 %
Lazy river	199	6.9 %
Outdoor seasonal leisure pool	274	9.5 %
Outdoor spray ground	171	5.9 %
Warm water pool for swim lessons or therapy	283	9.8 %
Whirlpool/hot tub	160	5.5 %
Other	5	0.2 %
None chosen	1150	39.7 %
Total	2899	100.0 %

SUM OF TOP 3 CHOICES

Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community? (top 3)

<u>Q20. Sum of Top 3 Choices</u>	<u>Number</u>	<u>Percent</u>
Area for water fitness	961	33.1 %
Competition swimming	103	3.6 %
Deep water area	225	7.8 %
Family-oriented warm water pool	1149	39.6 %
Lap lanes for recreational lap swimming	541	18.7 %
Lazy river	743	25.6 %
Outdoor seasonal leisure pool	753	26.0 %
Outdoor spray ground	393	13.6 %
Warm water pool for swim lessons or therapy	762	26.3 %
Whirlpool/hot tub	328	11.3 %
Other	22	0.8 %
None chosen	673	23.2 %
Total	6653	

Q21. Would you be interested in any of the following summer jobs at Metroparks?

Q21. What following summer jobs at Metroparks would you be interested in

	Number	Percent
Park maintenance	200	6.9 %
Lifeguard	47	1.6 %
Golf course attendant	148	5.1 %
Toll booth attendant	189	6.5 %
Police officer	66	2.3 %
Other	39	1.3 %
Not interested in summer jobs at Metroparks	2456	84.7 %
Total	3145	

Q22. What is the maximum distance you would be willing to travel to work at a summer job at Metroparks?

Q22. Maximum distance you would be willing to travel to work at a summer job at Metroparks

	Number	Percent
5 minutes or less driving	35	1.2 %
6 to 10 minutes driving	108	3.7 %
11 to 20 minutes driving	357	12.3 %
21 to 30 minutes driving	292	10.1 %
30+ minutes driving	39	1.3 %
Not interested in a summer job at Metroparks	1722	59.4 %
Not provided	346	11.9 %
Total	2899	100.0 %

Q23. Please CHECK ALL the reasons that would prevent you from working at a summer job at Metroparks.

Q23. All the reasons that would prevent you from working at a summer job at Metroparks

	Number	Percent
I do not know locations of parks/facilities	79	2.7 %
I do not know what jobs are available	260	9.0 %
Working hours are not convenient	131	4.5 %
Pay is too low	330	11.4 %
Lack of transportation	62	2.1 %
Not interested in any jobs that are available	272	9.4 %
Don't feel welcome in parks	20	0.7 %
Don't want to work outside	25	0.9 %
Not looking for a summer job	2094	72.2 %
Other	5	0.2 %
Total	3278	

Q24. Please rate the importance of the following sustainable themes.

(N=2899)

	Very important	Somewhat important	Not important	Not sure
Q24-1. Manage stormwater to protect water quality & reduce flooding	80.5%	11.5%	0.8%	7.2%
Q24-2. Deliver nature, education, & recreation programs that welcome everyone	65.2%	23.9%	2.7%	8.3%
Q24-3. Reduce waste by recycling & composting	73.0%	18.1%	1.9%	7.0%
Q24-4. Maintain roads, parking lots, & other park infrastructure	77.5%	15.4%	0.7%	6.4%
Q24-5. Plant trees for shade & cooling & to absorb carbon dioxide	75.4%	16.0%	1.8%	6.8%
Q24-6. Renovate existing facilities to be carbon neutral & environmentally sustainable	46.0%	32.6%	11.9%	9.5%
Q24-7. Make walking, biking, or transit connections with neighborhoods & other parks	56.4%	29.2%	5.6%	8.8%
Q24-8. Manage invasive species & improve habitat for wildlife & connectivity	70.1%	20.6%	1.7%	7.6%
Q24-9. Buy land for trails, open space, & environment	53.2%	29.2%	6.6%	11.0%
Q24-10. Identify unsustainable facilities & assets & remove from service	43.9%	35.9%	6.0%	14.1%

WITHOUT NOT SURE**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

(N=2899)

	Very important	Somewhat important	Not important
Q24-1. Manage stormwater to protect water quality & reduce flooding	86.8%	12.4%	0.9%
Q24-2. Deliver nature, education, & recreation programs that welcome everyone	71.1%	26.0%	2.9%
Q24-3. Reduce waste by recycling & composting	78.5%	19.4%	2.0%
Q24-4. Maintain roads, parking lots, & other park infrastructure	82.9%	16.4%	0.7%
Q24-5. Plant trees for shade & cooling & to absorb carbon dioxide	80.9%	17.1%	2.0%
Q24-6. Renovate existing facilities to be carbon neutral & environmentally sustainable	50.8%	36.0%	13.2%
Q24-7. Make walking, biking, or transit connections with neighborhoods & other parks	61.9%	32.0%	6.1%
Q24-8. Manage invasive species & improve habitat for wildlife & connectivity	75.8%	22.3%	1.9%
Q24-9. Buy land for trails, open space, & environment	59.8%	32.8%	7.4%
Q24-10. Identify unsustainable facilities & assets & remove from service	51.1%	41.9%	7.0%

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community?

<u>Q25. Top choice</u>	<u>Number</u>	<u>Percent</u>
Manage stormwater to protect water quality & reduce flooding	1003	34.6 %
Deliver nature, education, & recreation programs that welcome everyone	288	9.9 %
Reduce waste by recycling & composting	219	7.6 %
Maintain roads, parking lots, & other park infrastructure	326	11.2 %
Plant trees for shade & cooling & to absorb carbon dioxide	127	4.4 %
Renovate existing facilities to be carbon neutral & environmentally sustainable	49	1.7 %
Make walking, biking, or transit connections with neighborhoods & other parks	213	7.3 %
Manage invasive species & improve habitat for wildlife & connectivity	98	3.4 %
Buy land for trails, open space, & environment	132	4.6 %
Identify unsustainable facilities & assets & remove from service	55	1.9 %
<u>None chosen</u>	<u>389</u>	<u>13.4 %</u>
Total	2899	100.0 %

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community?

<u>Q25. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Manage stormwater to protect water quality & reduce flooding	275	9.5 %
Deliver nature, education, & recreation programs that welcome everyone	235	8.1 %
Reduce waste by recycling & composting	395	13.6 %
Maintain roads, parking lots, & other park infrastructure	464	16.0 %
Plant trees for shade & cooling & to absorb carbon dioxide	299	10.3 %
Renovate existing facilities to be carbon neutral & environmentally sustainable	91	3.1 %
Make walking, biking, or transit connections with neighborhoods & other parks	242	8.3 %
Manage invasive species & improve habitat for wildlife & connectivity	178	6.1 %
Buy land for trails, open space, & environment	142	4.9 %
Identify unsustainable facilities & assets & remove from service	73	2.5 %
<u>None chosen</u>	<u>505</u>	<u>17.4 %</u>
Total	2899	100.0 %

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community?

<u>Q25. 3rd choice</u>	<u>Number</u>	<u>Percent</u>
Manage stormwater to protect water quality & reduce flooding	171	5.9 %
Deliver nature, education, & recreation programs that welcome everyone	167	5.8 %
Reduce waste by recycling & composting	183	6.3 %
Maintain roads, parking lots, & other park infrastructure	320	11.0 %
Plant trees for shade & cooling & to absorb carbon dioxide	350	12.1 %
Renovate existing facilities to be carbon neutral & environmentally sustainable	162	5.6 %
Make walking, biking, or transit connections with neighborhoods & other parks	288	9.9 %
Manage invasive species & improve habitat for wildlife & connectivity	303	10.5 %
Buy land for trails, open space, & environment	207	7.1 %
Identify unsustainable facilities & assets & remove from service	134	4.6 %
None chosen	614	21.2 %
Total	2899	100.0 %

SUM OF TOP 3 CHOICES

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community? (top 3)

<u>Q25. Sum of Top 3 Choices</u>	<u>Number</u>	<u>Percent</u>
Manage stormwater to protect water quality & reduce flooding	1449	50.0 %
Deliver nature, education, & recreation programs that welcome everyone	690	23.8 %
Reduce waste by recycling & composting	797	27.5 %
Maintain roads, parking lots, & other park infrastructure	1110	38.3 %
Plant trees for shade & cooling & to absorb carbon dioxide	776	26.8 %
Renovate existing facilities to be carbon neutral & environmentally sustainable	302	10.4 %
Make walking, biking, or transit connections with neighborhoods & other parks	743	25.6 %
Manage invasive species & improve habitat for wildlife & connectivity	579	20.0 %
Buy land for trails, open space, & environment	481	16.6 %
Identify unsustainable facilities & assets & remove from service	262	9.0 %
None chosen	389	13.4 %
Total	7578	

Q26. Since the beginning of the Pandemic (early 2020), how important have parks, trails, and open space been to improving mental health and physical health and fitness?

Q26. How important have parks, trails, & open space been to improving mental health & physical health & fitness since beginning of Pandemic

	Number	Percent
Very important	2083	71.9 %
Somewhat important	467	16.1 %
Not very important	107	3.7 %
Not at all important	55	1.9 %
Not provided	187	6.5 %
Total	2899	100.0 %

Q27. Counting yourself, how many people in your household are...

	Number	Percent
Under age 5	383	4.7%
Ages 5-9	422	5.2%
Ages 10-14	465	5.8%
Ages 15-19	495	6.1%
Ages 20-24	478	5.9%
Ages 25-34	785	9.7%
Ages 35-44	995	12.3%
Ages 45-54	1086	13.4%
Ages 55-64	1388	17.2%
Ages 65-74	1125	13.9%
Ages 75+	456	5.6%
Total	8078	100.0%

Q28. Your gender:

<u>Q28. Your gender</u>	<u>Number</u>	<u>Percent</u>
Male	1374	47.4 %
Female	1378	47.5 %
Prefer to self-identify	10	0.3 %
Prefer not to answer	137	4.7 %
Total	2899	100.0 %

Q28-3. Self-describe your gender:

<u>Q28-3. Self-describe your gender</u>	<u>Number</u>	<u>Percent</u>
Bi-sexual	1	10.0 %
Gender fluid	1	10.0 %
Non-binary	8	80.0 %
Total	10	100.0 %

Q29. Which of the following best describes your race?

<u>Q29. Which following best describes your race</u>	<u>Number</u>	<u>Percent</u>
Asian or Asian Indian	152	5.2 %
Black or African American	644	22.2 %
American Indian or Alaska Native	22	0.8 %
White	1975	68.1 %
Hispanic, Spanish, or Latino/a/x	121	4.2 %
Middle Eastern or North African	26	0.9 %
Other	39	1.3 %
Total	2979	

Q29-8. Self-describe your race:

<u>Q29-8. Self-describe your race</u>	<u>Number</u>	<u>Percent</u>
Armenian	2	5.1 %
Bi-racial	2	5.1 %
Black and White	1	2.6 %
Caucasian	1	2.6 %
GUYANESE	1	2.6 %
Italian, Jamaican	1	2.6 %
Mixed	12	30.8 %
More than one	5	12.8 %
Multiple	1	2.6 %
Multiple races	3	7.7 %
Negro	1	2.6 %
Norwegian	2	5.1 %
Not just one	2	5.1 %
Polish, Croatian	2	5.1 %
Sicilian	1	2.6 %
Slavic	2	5.1 %
Total	39	100.0 %

Q30. How long have you lived in Southeast Michigan?

Q30. How long have you lived in Southeast Michigan	Number	Percent
0-10	104	3.6 %
11-20	152	5.2 %
21-30	489	16.9 %
31+	2028	70.0 %
Not provided	126	4.3 %
Total	2899	100.0 %

Q31. What is your age?

Q31. Your age	Number	Percent
18-34	571	19.7 %
35-44	551	19.0 %
45-54	557	19.2 %
55-64	562	19.4 %
65+	577	19.9 %
Not provided	81	2.8 %
Total	2899	100.0 %

Q32. In which County do you live?

Q32. In which County do you live	Number	Percent
Livingston	131	4.5 %
Macomb	573	19.8 %
Oakland	820	28.3 %
Washtenaw	236	8.1 %
Wayne-inside City of Detroit	731	25.2 %
Wayne-outside City of Detroit	408	14.1 %
Total	2899	100.0 %

Section 7: Survey Instrument

Dear Livingston County Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

Your household was one of a limited number selected at random to receive this survey; therefore, it is very important that you participate.

We have selected ETC Institute, an independent consulting company, as our partner to administer this survey. They will compile the data received and present the results to Metroparks later this year. Your responses will remain confidential.

We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

Please complete and return your survey within the next two weeks.

Please return your completed survey in the enclosed postage-paid envelope addressed to ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061. If you would like to take the survey over the web, the address is HCMASurvey.org.

If you have any questions, please feel free to contact Jay Bibby, Interim Chief of Planning and Development, at jason.bibby@metroparks.com, or 810.494.6031.

Sincerely,



Amy McMillan, Director

Si tiene preguntas acerca de la encuesta y no habla Ingles, por favor llame al 1-844-811-0411. Gracias.
إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا

Dear Macomb County Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

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We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

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Sincerely,



Amy McMillan, Director

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إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا

Dear Oakland County Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

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We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

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If you have any questions, please feel free to contact Jay Bibby, Interim Chief of Planning and Development, at jason.bibby@metroparks.com, or 810.494.6031.

Sincerely,



Amy McMillan, Director

Si tiene preguntas acerca de la encuesta y no habla Ingles, por favor llame al 1-844-811-0411. Gracias.
إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا

Dear Washtenaw County Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

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We have selected ETC Institute, an independent consulting company, as our partner to administer this survey. They will compile the data received and present the results to Metroparks later this year. Your responses will remain confidential.

We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

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If you have any questions, please feel free to contact Jay Bibby, Interim Chief of Planning and Development, at jason.bibby@metroparks.com, or 810.494.6031.

Sincerely,



Amy McMillan, Director

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إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا

Dear Wayne County Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

Your household was one of a limited number selected at random to receive this survey; therefore, it is very important that you participate.

We have selected ETC Institute, an independent consulting company, as our partner to administer this survey. They will compile the data received and present the results to Metroparks later this year. Your responses will remain confidential.

We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

Please complete and return your survey within the next two weeks.

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If you have any questions, please feel free to contact Jay Bibby, Interim Chief of Planning and Development, at jason.bibby@metroparks.com, or 810.494.6031.

Sincerely,



Amy McMillan, Director

Si tiene preguntas acerca de la encuesta y no habla Ingles, por favor llame al 1-844-811-0411. Gracias.
إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا

Dear City of Detroit Resident,

Now more than ever, public parks, trails and natural areas are vitally important to people, especially to the people of southeast Michigan. As part of our commitment to you, we want to continue providing the best possible park experience, and we would like your input.

We hope you will make time to complete this survey.

The Huron-Clinton Metroparks is conducting a comprehensive parks and recreation needs assessment survey. The results of this survey will be used to establish priorities for improvements to our system, which includes 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties.

Your household was one of a limited number selected at random to receive this survey; therefore, it is very important that you participate.

We have selected ETC Institute, an independent consulting company, as our partner to administer this survey. They will compile the data received and present the results to Metroparks later this year. Your responses will remain confidential.

We appreciate your time.

We realize that this survey will take approximately 10-15 minutes to complete; however, each question is important. The time you invest in completing this survey will help us take a resident-driven approach to making decisions that will enrich the future of our community and positively affect the lives of all residents in southeast Michigan.

Please complete and return your survey within the next two weeks.

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If you have any questions, please feel free to contact Jay Bibby, Interim Chief of Planning and Development, at jason.bibby@metroparks.com, or 810.494.6031.

Sincerely,



Amy McMillan, Director

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إذا كان لديك أسئلة حول الدراسة، ولكن لا يتكلمون الإنجليزية، يرجى الاتصال 1-844-811-0411. شكرا



2022 Community Needs Assessment Survey

Your input is an important part of Huron-Clinton Metroparks ongoing efforts to provide quality parks, recreation, and other services for residents of southeast Michigan. This survey will take only 10-15 minutes to complete. When you are finished, please return your survey in the enclosed postage-paid, return-reply envelope. You may also complete the survey on-line at HCMAsurvey.org.



1. Have you ever heard of Huron-Clinton Metroparks?

___(1) Yes ___(2) No ___(3) Not sure

2. How many times have you or other members of your household visited parks and facilities that are operated by Huron-Clinton Metroparks during the past year?

___(1) More than 6 times ___(3) Once or twice
___(2) 3-6 times ___(4) None; have not visited in the past year [Skip to Q3.]

2a. Which of the following best describes the type of vehicle pass you purchased?

___(1) Daily permit ___(3) Did not purchase a vehicle permit
___(2) Annual permit ___(4) Don't remember

3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

Parks

- ___(01) Delhi Metropark
- ___(02) Dexter-Huron Metropark
- ___(03) Hudson Mills Metropark
- ___(04) Huron Meadows Metropark
- ___(05) Indian Springs Metropark
- ___(06) Kensington Metropark
- ___(07) Lake Erie Metropark
- ___(08) Lake St. Clair Metropark
- ___(09) Lower Huron Metropark
- ___(10) Oakwoods Metropark
- ___(11) Stony Creek Metropark
- ___(12) Willow Metropark
- ___(13) Wolcott Mill Metropark

Golf Courses

- ___(14) Hudson Mills Golf Course
- ___(15) Huron Meadows Golf Course
- ___(16) Indian Springs Golf Course
- ___(17) Kensington Golf Course
- ___(18) Lake Erie Golf Course
- ___(19) Stony Creek Golf Course
- ___(20) Willow Golf Course

Educational/Historic Facilities

- ___(21) Hudson Mills Activity Center
- ___(22) Indian Springs Environmental Discovery Center
- ___(23) Kensington Farm Center
- ___(24) Kensington Nature Center
- ___(25) Lake Erie Marshlands Museum
- ___(26) Lake St. Clair Nature Center
- ___(27) Oakwoods Nature Center
- ___(28) Stony Creek Nature Center
- ___(29) Wolcott Mill Farm Center
- ___(30) Wolcott Mill Historic Center

Water Facilities

- ___(31) Lower Huron Turtle Cove
- ___(32) Kensington Splash 'n Blast
- ___(33) Indian Springs Spray Pad
- ___(34) Lake St. Clair Squirt Zone
- ___(35) Lake St. Clair Pool
- ___(36) Stony Creek water slide
- ___(37) Willow Pool
- ___(38) Lake Erie Wave Pool

Other

- ___(39) Other: _____
- ___(40) Other: _____

4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? [Write in your answers below using the numbers from the list in Question 3, or circle "NONE."]

1st: ___ 2nd: ___ 3rd: ___ 4th: ___ NONE

5. Prior to receiving this survey, were you aware of the difference between the Huron-Clinton Metroparks system (which consists of the 13 parks listed in Question 3, covering over 25,000 acres in Wayne, Oakland, Macomb, Livingston, and Washtenaw counties) and other park systems operated by the State of Michigan, counties, and cities in Southeast Michigan?

___(1) Yes ___(2) No

6. Do you feel that there are enough parks and green space areas within a 10-minute walk of your residence?

___(1) Yes ___(2) No ___(3) Not sure

7. Do you feel that there are enough parks and green space areas within a 15-minute drive of your residence?

___(1) Yes ___(2) No ___(3) Not sure

8. Please indicate if you or other members of your household have a need for each of the facilities listed below by circling either "Yes" or "No." If "Yes," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

Facility	Do you have a need for this facility?		If "Yes," how well are your needs being met in Southeast Michigan?				
	Yes	No	100% Met	75% Met	50% Met	25% Met	0% Met
01. Beaches	Yes	No	5	4	3	2	1
02. Boat docks	Yes	No	5	4	3	2	1
03. Boat ramps	Yes	No	5	4	3	2	1
04. Camping areas - RVs	Yes	No	5	4	3	2	1
05. Camping areas - group sites	Yes	No	5	4	3	2	1
06. Camping areas - primitive sites	Yes	No	5	4	3	2	1
07. Canoe/Kayak launch sites	Yes	No	5	4	3	2	1
08. Canoe/Kayak rentals	Yes	No	5	4	3	2	1
09. Disc golf	Yes	No	5	4	3	2	1
10. Fishing banks or docks	Yes	No	5	4	3	2	1
11. Golf courses	Yes	No	5	4	3	2	1
12. Golf driving ranges	Yes	No	5	4	3	2	1
13. Marinas	Yes	No	5	4	3	2	1
14. Natural areas	Yes	No	5	4	3	2	1
15. Nature centers	Yes	No	5	4	3	2	1
16. Picnic shelters	Yes	No	5	4	3	2	1
17. Picnic tables	Yes	No	5	4	3	2	1
18. Playgrounds	Yes	No	5	4	3	2	1
19. Splash pad (water play area)	Yes	No	5	4	3	2	1
20. Outdoor swimming pools	Yes	No	5	4	3	2	1
21. Waterslides	Yes	No	5	4	3	2	1
22. Trails - mountain biking	Yes	No	5	4	3	2	1
23. Trails - paved, multi-use (walking, biking)	Yes	No	5	4	3	2	1
24. Trails - unpaved, hiking	Yes	No	5	4	3	2	1
25. Trails - unpaved, nature trails	Yes	No	5	4	3	2	1
26. Other: _____	Yes	No	5	4	3	2	1

9. **Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household?** [Write in your answers below using the numbers from the list in Question 8, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

10. **Please indicate if you or other members of your household have a need for each of the programs listed below by circling either "Yes" or "No." If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."**

Programs/Activities	Do you have a need for this program?		If "Yes," how well are your needs being met in Southeast Michigan?				
			100% Met	75% Met	50% Met	25% Met	0% Met
01. Art/Photography	Yes	No	5	4	3	2	1
02. Astronomy programs	Yes	No	5	4	3	2	1
03. Bird/Wildlife watching programs	Yes	No	5	4	3	2	1
04. Boating classes	Yes	No	5	4	3	2	1
05. Camping	Yes	No	5	4	3	2	1
06. Concerts	Yes	No	5	4	3	2	1
07. Environmental education programs	Yes	No	5	4	3	2	1
08. Farm educational programs	Yes	No	5	4	3	2	1
09. Fishing programs	Yes	No	5	4	3	2	1
10. Golf lessons	Yes	No	5	4	3	2	1
11. Golf tournaments	Yes	No	5	4	3	2	1
12. Guided motorized boat tours	Yes	No	5	4	3	2	1
13. Guided canoe/kayak tours	Yes	No	5	4	3	2	1
14. Guided nature hikes	Yes	No	5	4	3	2	1
15. Homeschool programs	Yes	No	5	4	3	2	1
16. Movies in the park	Yes	No	5	4	3	2	1
17. Natural/Cultural history programs	Yes	No	5	4	3	2	1
18. Pet-friendly programs	Yes	No	5	4	3	2	1
19. Programs for people with disabilities	Yes	No	5	4	3	2	1
20. Running clubs/programs	Yes	No	5	4	3	2	1
21. Scouting	Yes	No	5	4	3	2	1
22. Swim lessons	Yes	No	5	4	3	2	1
23. Virtual programs	Yes	No	5	4	3	2	1
24. Walking clubs/programs	Yes	No	5	4	3	2	1
25. Water fitness programs	Yes	No	5	4	3	2	1
26. Other: _____	Yes	No	5	4	3	2	1

11. **Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household?** [Write in your answers below using the numbers from the list in Question 10, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

12. **Have you or other members of your household used any of the trails operated by Huron-Clinton Metroparks during the past year?**

____(1) Yes ____ (2) No [Skip to Q13.] ____ (3) Don't remember [Skip to Q13.]

12a. Which of the following activities did you or other members of your household participate in on trails operated by Huron-Clinton Metroparks during the past year? [Check all that apply.]

- | | |
|--|---|
| <input type="checkbox"/> (01) Walk on nature trails | <input type="checkbox"/> (06) Cycle on paved trails |
| <input type="checkbox"/> (02) Walk on paved trails | <input type="checkbox"/> (07) Cycle on mountain bike trails |
| <input type="checkbox"/> (03) Walk/Run dog on paved trails | <input type="checkbox"/> (08) Cycle on roadways |
| <input type="checkbox"/> (04) Run on paved trails | <input type="checkbox"/> (09) In-line skate on paved trails |
| <input type="checkbox"/> (05) Hike on rustic trails | <input type="checkbox"/> (10) Horseback riding |

13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often.

- | | |
|---|---|
| <input type="checkbox"/> (01) Facilities are not well maintained | <input type="checkbox"/> (11) Poor customer service by staff |
| <input type="checkbox"/> (02) Not interested in the programs/facilities offered | <input type="checkbox"/> (12) I do not know locations of facilities |
| <input type="checkbox"/> (03) Facilities lack the right equipment | <input type="checkbox"/> (13) Not accessible for people with disabilities |
| <input type="checkbox"/> (04) I don't feel safe | <input type="checkbox"/> (14) I do not know what is being offered |
| <input type="checkbox"/> (05) Lack of quality programs | <input type="checkbox"/> (15) Facility operating hours not convenient |
| <input type="checkbox"/> (06) Location is not convenient | <input type="checkbox"/> (16) Registration for programs is difficult |
| <input type="checkbox"/> (07) Programs are always full | <input type="checkbox"/> (17) Lack of parking by facilities and parks |
| <input type="checkbox"/> (08) Program times are not convenient | <input type="checkbox"/> (18) Lack of transportation |
| <input type="checkbox"/> (09) Use services/facilities provided by other organizations | <input type="checkbox"/> (19) No time to visit parks |
| <input type="checkbox"/> (10) Cost/fees are too high | <input type="checkbox"/> (20) Don't visit parks of any kind |
| | <input type="checkbox"/> (21) Program topics are not interesting to me |
| | <input type="checkbox"/> (22) I do not feel welcome in parks |
| | <input type="checkbox"/> (23) Other: _____ |
| | <input type="checkbox"/> (99) None |

14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations.

How supportive would you be of funding...	Very Supportive	Somewhat Supportive	Not Supportive	Don't Know
01. Aquatic facilities (swimming pools, wave pools, lazy rivers)	3	2	1	9
02. Boardwalks	3	2	1	9
03. Boat ramps	3	2	1	9
04. Campgrounds	3	2	1	9
05. Canoe/Kayak launches	3	2	1	9
06. Nature centers	3	2	1	9
07. Picnic shelters	3	2	1	9
08. Playgrounds	3	2	1	9
09. Restrooms	3	2	1	9
10. Splash pads (water playground)	3	2	1	9
11. Trails - paved, multi-use	3	2	1	9
12. Trails - unpaved, nature trails	3	2	1	9
13. Other: _____	3	2	1	9

15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household? [Write in your answers below using the numbers from the list in Question 14, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

16. Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

- | | |
|--|---|
| <input type="checkbox"/> (01) Web/Google searches | <input type="checkbox"/> (09) Digital ads on websites and apps |
| <input type="checkbox"/> (02) Metroparks website | <input type="checkbox"/> (10) Direct mailers sent to my home |
| <input type="checkbox"/> (03) Information sent home from schools | <input type="checkbox"/> (11) Printed flyers and programming guides |
| <input type="checkbox"/> (04) Social media | <input type="checkbox"/> (12) In-park signage from previous visits |
| <input type="checkbox"/> (05) From friends, family and neighbors | <input type="checkbox"/> (13) Radio stations |
| <input type="checkbox"/> (06) E-mail blasts | <input type="checkbox"/> (14) Local news stations |
| <input type="checkbox"/> (07) Local print newspapers | <input type="checkbox"/> (15) Roadside billboards |
| <input type="checkbox"/> (08) Digital news resources | <input type="checkbox"/> (16) Other: _____ |

17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services? [Write in your answers below using the numbers from the list in Question 16, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

18. Are you or other members of your household currently using any indoor or outdoor aquatic facilities?

- (1) Yes [Answer Q18a-c.] (2) No [Skip to Q19.]

18a. What type of aquatic facilities are you currently using?

- (1) Indoor (2) Outdoor (3) Both indoor and outdoor

18b. What type of swimming do you or members of your household participate in?

- | | |
|--|--|
| <input type="checkbox"/> (1) Competitive swimming | <input type="checkbox"/> (6) Outdoor seasonal swimming |
| <input type="checkbox"/> (2) Recreational swimming | <input type="checkbox"/> (7) Swim lessons |
| <input type="checkbox"/> (3) Lap swimming | <input type="checkbox"/> (8) Training/Educational |
| <input type="checkbox"/> (4) Therapy swimming | <input type="checkbox"/> (9) Other: _____ |
| <input type="checkbox"/> (5) Water exercise | |

18c. How well do existing aquatic facilities meet the needs of your household?

- | | |
|---|---|
| <input type="checkbox"/> (1) Completely meets our needs | <input type="checkbox"/> (3) Partly meets our needs |
| <input type="checkbox"/> (2) Mostly meets our needs | <input type="checkbox"/> (4) Doesn't meet our needs |

19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community.

How needed are the following?	Strongly Needed	Somewhat Needed	Not Needed	Not Sure
01. Area for water fitness	3	2	1	9
02. Competition swimming	3	2	1	9
03. Deep water area	3	2	1	9
04. Family-oriented warm water pool	3	2	1	9
05. Lap lanes for recreational lap swimming	3	2	1	9
06. Lazy river	3	2	1	9
07. Outdoor seasonal leisure pool	3	2	1	9
08. Outdoor spray ground	3	2	1	9
09. Warm water pool for swim lessons or therapy	3	2	1	9
10. Whirlpool/Hot tub	3	2	1	9
11. Other: _____	3	2	1	9

20. Which **THREE** of the features listed above in Question 19 do you feel are **MOST NEEDED** in the community? [Write in your answers below using the numbers from the list in Question 19, or circle "None."]

1st: ____ 2nd: ____ 3rd: ____ NONE

21. Would you be interested in any of the following summer jobs at Metroparks? [Check all that apply.]

- ____(1) Park maintenance
- ____(2) Lifeguard
- ____(3) Golf course attendant
- ____(4) Toll booth attendant
- ____(5) Police officer
- ____(6) Other: _____
- ____(7) Not interested in summer jobs at Metroparks

22. What is the maximum distance you would be willing to travel to work at a summer job at Metroparks?

- ____(1) 5 minutes or less driving
- ____(2) 6 to 10 minutes driving
- ____(3) 11 to 20 minutes driving
- ____(4) 21 to 30 minutes driving
- ____(5) More than 30 minutes driving
- ____(6) Not interested in a summer job at Metroparks

23. Please **CHECK ALL** the reasons that would prevent you from working at a summer job at Metroparks.

- ____(01) I do not know locations of parks/facilities
- ____(02) I do not know what jobs are available
- ____(03) Working hours are not convenient
- ____(04) Pay is too low
- ____(05) Lack of transportation
- ____(06) Not interested in any of the jobs that are available
- ____(07) Don't feel welcome in parks
- ____(08) Don't want to work outside
- ____(09) Not looking for a summer job
- ____(10) Other: _____

24. Please rate the importance of the following sustainable themes.

		Very Important	Somewhat Important	Not Important	Not Sure
01.	Manage stormwater to protect water quality and reduce flooding	3	2	1	9
02.	Deliver nature, education, and recreation programs that welcome everyone	3	2	1	9
03.	Reduce waste by recycling and composting	3	2	1	9
04.	Maintain roads, parking lots, and other park infrastructure	3	2	1	9
05.	Plant trees for shade and cooling and to absorb carbon dioxide	3	2	1	9
06.	Renovate existing facilities to be carbon neutral and environmentally sustainable	3	2	1	9
07.	Make walking, biking, or transit connections with neighborhoods and other parks	3	2	1	9
08.	Manage invasive species and improve habitat for wildlife and connectivity	3	2	1	9
09.	Buy land for trails, open space, and the environment	3	2	1	9
10.	Identify unsustainable facilities and assets and remove from service	3	2	1	9

25. Which **THREE** of the items listed above in Question 24 are **MOST IMPORTANT** in the community? [Write in your answers below using the numbers from the list in Question 24, or circle "None."]

1st: ____ 2nd: ____ 3rd: ____ NONE

26. Since the beginning of the pandemic (early 2020), how important have parks, trails, and open space been to improving mental health and physical health and fitness?

- ____(1) Very important
- ____(2) Somewhat important
- ____(3) Not very important
- ____(4) Not at all important

27. Counting yourself, how many people in your household are...

Under age 5: ____ Ages 15-19: ____ Ages 35-44: ____ Ages 65-74: ____
 Ages 5-9: ____ Ages 20-24: ____ Ages 45-54: ____ Ages 75+: ____
 Ages 10-14: ____ Ages 25-34: ____ Ages 55-64: ____

28. Your gender:

____ (1) Male ____ (3) Prefer to self-identify: _____
 ____ (2) Female ____ (4) Prefer not to answer

29. Which of the following best describes your race? [Check all that apply.]

____ (01) Asian or Asian Indian ____ (06) Middle Eastern or North African
 ____ (02) Black or African American ____ (07) Native Hawaiian or other Pacific Islander
 ____ (03) American Indian or Alaska Native ____ (88) Prefer not to say
 ____ (04) White ____ (99) Other: _____
 ____ (05) Hispanic, Spanish, or Latino/a/x

30. How long have you lived in Southeast Michigan? _____ years

31. What is your age? _____ years old

32. In which county do you live?

____ (1) Livingston ____ (5) Wayne - inside the City of Detroit
 ____ (2) Macomb ____ (6) Wayne - outside the City of Detroit
 ____ (3) Oakland ____ (7) Other: _____
 ____ (4) Washtenaw

33. Do you have any other comments or suggestions for improving programs and/or facilities operated by Metroparks? If so, please write them in the space below.

34. Would you be interested in participating in future surveys, focus groups, or other discussions on some of the topics covered in this survey?

____ (1) Yes [Answer Q34a.] ____ (2) No

34a. Please provide your contact information.

Phone: _____ Email: _____

Your responses will remain completely confidential. The address information to the right will ONLY be used to help identify areas with special interests. Thank you!

This concludes the survey. Thank you for your time!

Please return your completed survey in the enclosed return-reply envelope addressed to:

ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061



2022 COMMUNITY NEEDS ASSESSMENT

Crosstabular Data
by Counties & City of
Detroit

Prepared By
ETC INSTITUTE
OLATHE, KANSAS

Presented To The
HURON-CLINTON
METROPARKS
OF BRIGHTON, MICHIGAN

APRIL 2022

Q1. Have you ever heard of Huron-Clinton Metroparks?

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	95.0%	95.5%	94.7%	93.0%	86.4%	95.8%
No	2.5%	3.3%	2.9%	3.3%	9.6%	1.5%
Not sure	2.5%	1.2%	2.4%	3.7%	4.0%	2.7%

EXCLUDING "NOT PROVIDED" RESPONSES

Q2. How many times have you or other members of your household visited parks and facilities that are operated by Huron-Clinton Metroparks during the past year? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q2. How many times have you visited parks & facilities operated by Huron-Clinton Metroparks during past year

6+ times	51.7%	53.0%	40.6%	43.3%	15.9%	38.4%
3-6 times	20.0%	21.5%	21.0%	21.0%	19.7%	21.2%
Once or twice	16.2%	15.2%	23.1%	18.2%	25.3%	21.7%
None, have not visited in past year	12.2%	10.4%	15.3%	17.5%	39.0%	18.7%

Q2a. Which following best describes type of vehicle pass you purchased

Daily permit	20.1%	16.7%	27.2%	20.2%	26.5%	26.4%
Annual permit	73.3%	76.8%	66.5%	67.2%	62.5%	67.3%
Did not purchase a vehicle permit	6.6%	6.5%	6.3%	12.6%	11.0%	6.3%

Q3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Delhi Metropark	9.2%	0.8%	2.9%	46.9%	1.7%	5.7%
Dexter-Huron Metropark	25.5%	1.0%	6.2%	51.9%	4.7%	12.5%
Hudson Mills Metropark	41.1%	1.8%	11.7%	63.8%	6.7%	16.2%
Huron Meadows Metropark	35.5%	1.8%	6.3%	17.5%	7.4%	11.1%
Indian Springs Metropark	8.8%	3.7%	27.8%	3.1%	2.7%	3.7%
Kensington Metropark	81.8%	29.5%	66.7%	38.7%	49.4%	53.3%
Lake Erie Metropark	4.8%	4.9%	6.2%	8.9%	12.1%	33.2%
Lake St. Clair Metropark	4.0%	61.4%	12.9%	3.3%	16.5%	13.8%
Lower Huron Metropark	4.2%	3.5%	7.7%	17.9%	28.4%	46.4%
Oakwoods Metropark	1.3%	1.0%	1.4%	6.0%	3.0%	22.1%
Stony Creek Metropark	6.5%	75.0%	39.6%	9.3%	20.0%	17.2%
Willow Metropark	2.5%	1.2%	2.6%	10.5%	5.9%	32.2%

Q3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Wolcott Mill Metropark	0.6%	25.6%	5.7%	0.6%	2.7%	1.7%
Hudson Mills Golf Course	9.4%	0.2%	1.5%	10.7%	1.2%	2.7%
Huron Meadows Golf Course	15.4%	0.8%	3.1%	5.4%	1.7%	3.4%
Indian Springs Golf Course	2.7%	1.0%	8.6%	0.6%	1.0%	1.2%
Kensington Golf Course	15.4%	2.5%	8.6%	2.7%	7.2%	6.1%
Lake Erie Golf Course	0.8%	0.6%	0.7%	0.4%	1.2%	5.7%
Stony Creek Golf Course	2.5%	11.9%	3.8%	1.6%	4.0%	2.5%
Willow Golf Course	1.0%	0.4%	0.7%	1.0%	2.7%	5.2%
Hudson Mills Activity Center	4.8%	0.8%	1.2%	10.9%	0.2%	2.5%
Indian Springs Environmental Discovery Center	2.1%	1.2%	6.7%	1.8%	0.5%	0.2%

Q3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q3. All the parks & facilities your household visited during past year (Cont.)

Kensington Farm Center	36.3%	3.9%	22.6%	8.2%	5.7%	15.2%
Kensington Nature Center	42.8%	8.6%	29.2%	13.6%	7.7%	19.9%
Lake Erie Marshlands Museum	0.8%	1.4%	1.0%	1.4%	1.0%	12.5%
Lake St. Clair Nature Center	0.6%	18.2%	2.6%	0.8%	3.5%	4.2%
Oakwoods Nature Center	0.4%	1.0%	1.0%	3.3%	0.5%	9.8%
Stony Creek Nature Center	0.6%	30.1%	11.0%	2.9%	5.7%	4.2%
Wolcott Mill Farm Center	0.4%	14.7%	4.5%	0.8%	0.5%	1.2%
Wolcott Mill Historic Center	0.4%	11.9%	2.6%	0.8%	0.0%	0.7%
Lower Huron Turtle Cove	1.5%	0.4%	1.5%	3.3%	4.4%	13.0%
Kensington Splash 'n Blast	13.2%	1.6%	6.5%	2.1%	7.4%	4.4%
Indian Springs Spray Pad	0.8%	0.8%	5.1%	0.4%	1.0%	0.2%

Q3. Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL of the parks and facilities that you and other members of your household have visited during the past year.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q3. All the parks & facilities your household visited during past year (Cont.)

Lake St. Clair Squirt Zone	0.2%	12.9%	1.4%	0.6%	1.2%	1.7%
Lake St. Clair Pool	0.2%	8.6%	1.0%	0.8%	2.2%	2.2%
Stony Creek Water Slide	0.8%	8.2%	2.2%	3.3%	3.2%	0.7%
Willow Pool	0.2%	0.2%	0.2%	0.6%	1.2%	6.9%
Lake Erie Wave Pool	0.8%	0.8%	0.7%	0.8%	2.2%	8.6%
Other	0.8%	3.3%	2.9%	1.2%	4.4%	2.7%

SUM OF THE TOP FOUR CHOICES

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Delhi Metropark	5.8%	0.0%	1.2%	42.4%	1.7%	2.9%
Dexter-Huron Metropark	18.0%	0.4%	3.4%	45.7%	3.0%	5.9%
Hudson Mills Metropark	32.6%	1.0%	5.5%	58.6%	3.5%	7.9%
Huron Meadows Metropark	28.8%	0.2%	3.9%	11.9%	5.7%	4.7%
Indian Springs Metropark	6.9%	2.3%	23.3%	1.2%	0.7%	2.0%
Kensington Metropark	78.5%	23.9%	65.5%	30.9%	49.1%	50.1%
Lake Erie Metropark	2.5%	2.5%	3.4%	4.5%	8.4%	28.7%
Lake St. Clair Metropark	0.8%	59.7%	11.1%	0.6%	14.6%	12.3%
Lower Huron Metropark	2.5%	2.5%	5.1%	13.0%	25.2%	38.1%
Oakwoods Metropark	0.2%	0.4%	0.9%	3.3%	1.7%	16.5%
Stony Creek Metropark	3.3%	72.4%	36.4%	5.8%	18.3%	10.6%
Willow Metropark	1.0%	0.0%	1.5%	6.2%	2.2%	24.6%
Wolcott Mill Metropark	0.0%	16.8%	2.7%	0.4%	0.2%	1.0%

SUM OF THE TOP FOUR CHOICES – CONTINUED

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Hudson Mills Golf Course	4.0%	0.2%	0.5%	6.8%	0.0%	1.2%
Huron Meadows Golf Course	9.2%	0.2%	1.7%	2.5%	0.0%	1.0%
Indian Springs Golf Course	1.3%	0.4%	5.0%	0.8%	0.5%	0.2%
Kensington Golf Course	6.9%	0.8%	4.8%	2.1%	1.0%	3.9%
Lake Erie Golf Course	0.0%	0.2%	0.3%	0.0%	0.0%	2.9%
Stony Creek Golf Course	0.4%	7.2%	2.2%	0.6%	0.5%	1.0%
Willow Golf Course	0.2%	0.0%	0.3%	0.4%	0.2%	2.0%
Hudson Mills Activity Center	1.3%	0.0%	0.2%	1.4%	0.0%	0.2%
Indian Springs Environmental Discovery Center	0.4%	0.6%	1.4%	0.4%	0.0%	0.2%
Kensington Farm Center	17.1%	1.4%	11.1%	1.2%	0.0%	4.7%
Kensington Nature Center	19.0%	1.2%	12.2%	1.2%	2.5%	7.4%

SUM OF THE TOP FOUR CHOICES – CONTINUED

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Lake Erie Marshlands Museum	0.0%	0.2%	0.0%	0.2%	0.0%	1.7%
Lake St. Clair Nature Center	0.0%	6.8%	0.2%	0.0%	0.7%	1.0%
Oakwoods Nature Center	0.0%	0.4%	0.2%	0.0%	0.0%	2.5%
Stony Creek Nature Center	0.2%	11.4%	3.4%	0.8%	1.0%	0.7%
Wolcott Mill Farm Center	0.2%	4.5%	1.2%	0.0%	0.2%	0.7%
Wolcott Mill Historic Center	0.0%	3.5%	0.3%	0.0%	0.0%	0.0%
Lower Huron Turtle Cove	0.8%	0.0%	0.3%	0.6%	3.0%	4.4%
Kensington Splash 'n Blast	3.8%	0.6%	2.7%	0.8%	2.2%	1.7%
Indian Springs Spray Pad	0.0%	0.0%	1.4%	0.0%	0.5%	0.2%
Lake St. Clair Squirt Zone	0.2%	3.3%	0.3%	0.0%	1.0%	0.2%
Lake St. Clair Pool	0.0%	3.1%	0.2%	0.0%	0.7%	0.5%
Stony Creek Water Slide	0.2%	1.8%	0.9%	1.4%	1.0%	0.0%

SUM OF THE TOP FOUR CHOICES – CONTINUED

Q4. Which of the parks and facilities from the list in Question 3 does your household use MOST OFTEN? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Willow Pool	0.0%	0.2%	0.0%	0.2%	0.2%	2.0%
Lake Erie Wave Pool	0.4%	0.2%	0.2%	0.0%	0.5%	3.4%
Other	0.2%	1.8%	1.5%	0.2%	0.2%	0.7%
None chosen	9.4%	8.2%	11.7%	15.6%	36.5%	13.0%

WITHOUT "NOT PROVIDED" RESPONSES

Q5. Prior to receiving this survey, were you aware of the difference between the Huron-Clinton Metroparks system (which consists of the 13 parks listed in Question 3, covering over 25,000 acres in Wayne, Oakland, Macomb, Livingston, and Washtenaw counties) and other park systems operated by the State of Michigan, counties, and cities in Southeast Michigan? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	76.7%	70.7%	69.8%	69.8%	45.5%	71.0%
No	23.3%	29.3%	30.2%	30.2%	54.5%	29.0%

WITHOUT "NOT PROVIDED" RESPONSES

Q6. Do you feel that there are enough parks and green space areas within a 10-minute walk of your residence? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	40.3%	35.5%	40.7%	56.0%	20.2%	38.8%
No	59.7%	64.5%	59.3%	44.0%	79.8%	61.2%

WITHOUT "NOT PROVIDED" RESPONSES

Q7. Do you feel that there are enough parks and green space areas within a 15-minute drive of your residence? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	71.1%	59.0%	64.1%	75.8%	38.7%	59.8%
No	28.9%	41.0%	35.9%	24.2%	61.3%	40.2%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-1. Beaches

Yes	50.3%	58.1%	49.1%	47.1%	49.4%	56.3%
No	49.7%	41.9%	50.9%	52.9%	50.6%	43.7%

Q8-2. Boat docks

Yes	15.4%	15.9%	12.0%	9.9%	12.8%	16.0%
No	84.6%	84.1%	88.0%	90.1%	87.2%	84.0%

Q8-3. Boat ramps

Yes	20.3%	17.6%	13.2%	14.0%	12.8%	17.2%
No	79.7%	82.4%	86.8%	86.0%	87.2%	82.8%

Q8-4. Camping areas-RVs

Yes	20.9%	19.8%	15.3%	12.8%	15.8%	19.9%
No	79.1%	80.2%	84.7%	87.2%	84.2%	80.1%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-5. Camping areas-group sites

Yes	13.4%	16.4%	13.2%	14.0%	19.8%	17.0%
No	86.6%	83.6%	86.8%	86.0%	80.2%	83.0%

Q8-6. Camping areas-primitive sites

Yes	15.0%	14.7%	13.9%	21.6%	15.8%	18.4%
No	85.0%	85.3%	86.1%	78.4%	84.2%	81.6%

Q8-7. Canoe/kayak launch sites

Yes	44.7%	38.7%	37.6%	43.4%	25.2%	36.6%
No	55.3%	61.3%	62.4%	56.6%	74.8%	63.4%

Q8-8. Canoe/kayak rentals

Yes	25.5%	32.9%	29.2%	35.0%	26.4%	30.2%
No	74.5%	67.1%	70.8%	65.0%	73.6%	69.8%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-9. Disc golf

Yes	12.3%	11.4%	12.0%	11.3%	8.4%	13.0%
No	87.7%	88.6%	88.0%	88.7%	91.6%	87.0%

Q8-10. Fishing banks or docks

Yes	28.6%	31.7%	22.8%	23.3%	30.9%	29.5%
No	71.4%	68.3%	77.2%	76.7%	69.1%	70.5%

Q8-11. Golf courses

Yes	28.4%	24.1%	23.2%	20.2%	15.8%	23.1%
No	71.6%	75.9%	76.8%	79.8%	84.2%	76.9%

Q8-12. Golf driving ranges

Yes	20.9%	17.2%	16.6%	15.4%	15.3%	15.7%
No	79.1%	82.8%	83.4%	84.6%	84.7%	84.3%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-13. Marinas

Yes	7.1%	13.1%	6.5%	4.5%	9.4%	9.3%
No	92.9%	86.9%	93.5%	95.5%	90.6%	90.7%

Q8-14. Natural areas

Yes	63.3%	57.5%	60.9%	69.3%	48.4%	62.9%
No	36.7%	42.5%	39.1%	30.7%	51.6%	37.1%

Q8-15. Nature centers

Yes	47.4%	49.7%	49.6%	41.8%	39.8%	50.6%
No	52.6%	50.3%	50.4%	58.2%	60.2%	49.4%

Q8-16. Picnic shelters

Yes	37.0%	38.6%	35.8%	40.3%	55.3%	39.3%
No	63.0%	61.4%	64.2%	59.7%	44.7%	60.7%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-17. Picnic tables

Yes	39.0%	43.1%	40.5%	44.0%	52.8%	45.0%
No	61.0%	56.9%	59.5%	56.0%	47.2%	55.0%

Q8-18. Playgrounds

Yes	32.8%	33.5%	30.5%	27.8%	44.4%	33.4%
No	67.2%	66.5%	69.5%	72.2%	55.6%	66.6%

Q8a-19. Splash pad (water play area)

Yes	23.2%	28.8%	22.6%	17.1%	34.3%	25.3%
No	76.8%	71.2%	77.4%	82.9%	65.7%	74.7%

Q8-20. Outdoor swimming pools

Yes	23.8%	32.5%	24.2%	28.2%	37.0%	32.9%
No	76.2%	67.5%	75.8%	71.8%	63.0%	67.1%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-21. Waterslides

Yes	18.4%	21.7%	18.4%	14.0%	28.1%	21.9%
No	81.6%	78.3%	81.6%	86.0%	71.9%	78.1%

Q8-22. Trails-mountain biking

Yes	29.0%	29.4%	28.1%	22.4%	23.0%	23.8%
No	71.0%	70.6%	71.9%	77.6%	77.0%	76.2%

Q8-23. Trails-paved, multi-use (walking, biking)

Yes	71.6%	67.5%	67.2%	70.4%	52.6%	65.6%
No	28.4%	32.5%	32.8%	29.6%	47.4%	34.4%

Q8-24. Trails-unpaved, hiking

Yes	53.9%	47.7%	52.1%	64.8%	33.6%	50.6%
No	46.1%	52.3%	47.9%	35.2%	66.4%	49.4%

Q8. Please indicate if you or other members of your household have a need for each of the facilities listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-25. Trails-unpaved, nature trails

Yes	54.7%	50.9%	52.5%	66.3%	36.5%	52.3%
No	45.3%	49.1%	47.5%	33.7%	63.5%	47.7%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-1. Beaches

100% met	29.0%	29.9%	24.4%	16.3%	18.7%	20.3%
75% met	32.1%	25.0%	31.2%	21.1%	17.0%	27.4%
50% met	25.8%	26.4%	25.8%	25.6%	28.6%	27.8%
25% met	11.3%	14.4%	13.6%	23.8%	28.6%	16.5%
0% met	1.8%	4.2%	5.0%	13.2%	7.1%	8.0%

Q8-2. Boat docks

100% met	25.4%	35.5%	25.8%	22.2%	21.7%	25.9%
75% met	23.8%	30.3%	24.2%	28.9%	23.9%	34.5%
50% met	30.2%	25.0%	31.8%	28.9%	19.6%	20.7%
25% met	9.5%	7.9%	10.6%	15.6%	26.1%	13.8%
0% met	11.1%	1.3%	7.6%	4.4%	8.7%	5.2%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-3. Boat ramps

100% met	30.5%	42.7%	24.7%	22.2%	26.7%	31.8%
75% met	25.6%	28.0%	38.4%	20.6%	24.4%	33.3%
50% met	25.6%	19.5%	24.7%	30.2%	20.0%	21.2%
25% met	13.4%	7.3%	9.6%	20.6%	20.0%	12.1%
0% met	4.9%	2.4%	2.7%	6.3%	8.9%	1.5%

Q8-4. Camping areas-RVs

100% met	22.7%	10.5%	16.5%	15.0%	12.7%	12.5%
75% met	19.3%	18.9%	35.4%	16.7%	29.1%	26.4%
50% met	28.4%	23.2%	24.1%	35.0%	18.2%	27.8%
25% met	17.0%	23.2%	15.2%	13.3%	20.0%	19.4%
0% met	12.5%	24.2%	8.9%	20.0%	20.0%	13.9%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-5. Camping areas-group sites

100% met	15.5%	7.9%	18.8%	13.3%	15.7%	13.1%
75% met	24.1%	18.4%	23.2%	26.7%	15.7%	29.5%
50% met	31.0%	27.6%	33.3%	35.0%	21.4%	24.6%
25% met	15.5%	28.9%	14.5%	13.3%	20.0%	19.7%
0% met	13.8%	17.1%	10.1%	11.7%	27.1%	13.1%

Q8-6. Camping areas-primitive sites

100% met	11.1%	9.2%	15.1%	7.5%	9.4%	11.1%
75% met	30.2%	9.2%	15.1%	24.7%	15.1%	20.8%
50% met	36.5%	18.5%	27.4%	28.0%	22.6%	23.6%
25% met	11.1%	30.8%	21.9%	21.5%	13.2%	25.0%
0% met	11.1%	32.3%	20.5%	18.3%	39.6%	19.4%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q8-7. Canoe/kayak launch sites

100% met	20.4%	24.1%	19.8%	26.9%	21.1%	16.7%
75% met	31.4%	24.1%	30.7%	31.6%	20.0%	29.7%
50% met	31.4%	30.5%	29.7%	29.2%	24.4%	26.8%
25% met	13.6%	18.7%	19.3%	9.4%	24.4%	23.2%
0% met	3.1%	2.7%	0.5%	2.8%	10.0%	3.6%

Q8-8. Canoe/kayak rentals

100% met	18.8%	22.4%	18.0%	24.7%	13.0%	14.7%
75% met	21.4%	22.4%	20.7%	28.2%	17.4%	15.6%
50% met	28.6%	25.0%	27.3%	24.1%	25.0%	33.0%
25% met	23.2%	25.0%	26.0%	17.6%	29.3%	25.7%
0% met	8.0%	5.3%	8.0%	5.3%	15.2%	11.0%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q8-9. Disc golf

100% met	30.2%	28.3%	30.4%	27.5%	10.3%	26.0%
75% met	18.9%	24.5%	29.0%	33.3%	10.3%	26.0%
50% met	26.4%	30.2%	27.5%	25.5%	17.2%	32.0%
25% met	20.8%	9.4%	11.6%	9.8%	27.6%	14.0%
0% met	3.8%	7.5%	1.4%	3.9%	34.5%	2.0%

Q8-10. Fishing banks or docks

100% met	24.4%	18.8%	22.6%	15.8%	14.9%	15.5%
75% met	31.5%	26.2%	25.8%	25.4%	23.7%	30.9%
50% met	25.2%	32.2%	26.6%	31.6%	28.9%	28.2%
25% met	16.5%	16.8%	20.2%	21.1%	24.6%	22.7%
0% met	2.4%	6.0%	4.8%	6.1%	7.9%	2.7%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-11. Golf courses

100% met	58.7%	50.9%	54.2%	48.5%	29.3%	50.0%
75% met	27.0%	27.2%	28.2%	37.1%	37.9%	23.3%
50% met	11.9%	15.8%	10.7%	11.3%	20.7%	17.8%
25% met	2.4%	4.4%	6.9%	1.0%	6.9%	6.7%
0% met	0.0%	1.8%	0.0%	2.1%	5.2%	2.2%

Q8-12. Golf driving ranges

100% met	33.0%	19.5%	22.8%	23.3%	18.5%	36.4%
75% met	15.9%	24.7%	28.3%	17.8%	16.7%	20.0%
50% met	29.5%	23.4%	25.0%	20.5%	33.3%	21.8%
25% met	11.4%	13.0%	19.6%	16.4%	20.4%	12.7%
0% met	10.2%	19.5%	4.3%	21.9%	11.1%	9.1%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-13. Marinas

100% met	17.2%	33.9%	20.0%	20.0%	32.4%	31.6%
75% met	20.7%	29.0%	14.3%	25.0%	14.7%	23.7%
50% met	24.1%	29.0%	37.1%	30.0%	17.6%	31.6%
25% met	20.7%	4.8%	17.1%	10.0%	29.4%	7.9%
0% met	17.2%	3.2%	11.4%	15.0%	5.9%	5.3%

Q8-14. Natural areas

100% met	42.9%	35.3%	34.1%	34.9%	18.9%	34.2%
75% met	27.3%	33.2%	33.8%	36.4%	26.3%	28.7%
50% met	23.5%	18.7%	22.1%	21.4%	30.9%	26.2%
25% met	6.2%	11.3%	9.1%	6.7%	14.9%	9.3%
0% met	0.0%	1.4%	0.9%	0.6%	9.1%	1.7%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-15. Nature centers

100% met	38.2%	33.9%	33.3%	24.4%	17.9%	25.3%
75% met	30.9%	29.4%	31.9%	25.4%	15.0%	28.5%
50% met	22.2%	24.1%	23.4%	35.8%	31.4%	26.3%
25% met	7.2%	11.4%	8.8%	12.4%	23.6%	17.7%
0% met	1.4%	1.2%	2.6%	2.0%	12.1%	2.2%

Q8-16. Picnic shelters

100% met	35.6%	36.0%	35.4%	36.1%	14.2%	33.8%
75% met	32.5%	26.9%	31.3%	36.1%	25.5%	37.2%
50% met	22.7%	23.7%	20.2%	21.1%	26.0%	21.6%
25% met	7.4%	12.4%	12.6%	6.2%	26.5%	6.1%
0% met	1.8%	1.1%	0.5%	0.5%	7.8%	1.4%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q8-17. Picnic tables

100% met	39.0%	35.3%	35.1%	40.0%	19.7%	39.9%
75% met	32.6%	30.9%	33.3%	36.7%	23.8%	31.5%
50% met	20.9%	20.6%	21.2%	16.2%	23.8%	19.0%
25% met	5.8%	11.3%	9.5%	6.2%	24.4%	8.3%
0% met	1.7%	2.0%	0.9%	1.0%	8.3%	1.2%

Q8-18. Playgrounds

100% met	28.0%	32.5%	34.3%	35.8%	16.1%	34.9%
75% met	30.8%	30.1%	34.9%	32.1%	20.5%	37.3%
50% met	25.9%	22.7%	19.8%	23.4%	29.2%	23.0%
25% met	13.3%	12.9%	9.3%	7.3%	24.8%	4.0%
0% met	2.1%	1.8%	1.7%	1.5%	9.3%	0.8%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q8-19. Splash pad (water play area)

100% met	20.2%	30.0%	24.6%	12.9%	13.5%	25.8%
75% met	22.2%	20.0%	29.4%	10.6%	16.7%	24.7%
50% met	24.2%	20.0%	21.4%	36.5%	21.4%	30.3%
25% met	21.2%	21.4%	16.7%	23.5%	27.0%	18.0%
0% met	12.1%	8.6%	7.9%	16.5%	21.4%	1.1%

Q8-20. Outdoor swimming pools

100% met	5.8%	14.6%	4.5%	9.0%	14.7%	23.3%
75% met	5.8%	13.9%	14.4%	7.5%	6.6%	20.0%
50% met	18.3%	24.1%	17.4%	23.3%	14.7%	29.2%
25% met	17.3%	22.2%	25.0%	30.1%	27.9%	15.8%
0% met	52.9%	25.3%	38.6%	30.1%	36.0%	11.7%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-21. Waterslides

100% met	15.4%	13.9%	11.9%	10.8%	11.8%	11.5%
75% met	15.4%	15.8%	14.9%	10.8%	13.7%	24.4%
50% met	20.5%	25.7%	23.8%	30.8%	11.8%	26.9%
25% met	30.8%	25.7%	25.7%	20.0%	30.4%	20.5%
0% met	17.9%	18.8%	23.8%	27.7%	32.4%	16.7%

Q8-22. Trails-mountain biking

100% met	32.0%	32.6%	18.3%	25.0%	20.2%	18.9%
75% met	28.9%	29.1%	28.8%	24.0%	14.3%	24.4%
50% met	27.3%	22.7%	35.9%	27.9%	17.9%	25.6%
25% met	7.8%	11.3%	13.7%	15.4%	26.2%	24.4%
0% met	3.9%	4.3%	3.3%	7.7%	21.4%	6.7%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q8-23. Trails-paved, multi-use (walking, biking)

100% met	41.0%	36.9%	32.5%	35.7%	25.4%	34.7%
75% met	31.8%	31.8%	30.2%	32.8%	22.3%	29.9%
50% met	17.3%	19.2%	25.1%	24.6%	23.4%	25.1%
25% met	8.3%	9.0%	11.4%	6.1%	18.3%	9.6%
0% met	1.5%	3.0%	0.8%	0.9%	10.7%	0.8%

Q8-24. Trails-unpaved, hiking

100% met	38.9%	33.5%	26.4%	33.0%	20.2%	24.6%
75% met	33.6%	24.3%	31.4%	32.7%	27.7%	31.6%
50% met	16.4%	21.7%	28.4%	21.2%	24.4%	26.2%
25% met	10.2%	15.2%	11.8%	10.9%	16.8%	12.3%
0% met	0.8%	5.2%	2.0%	2.2%	10.9%	5.3%

Q8. If "YES," please rate how well the needs of your household are currently being met in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2786

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q8-25. Trails-unpaved, nature trails

100% met	40.7%	33.2%	26.3%	29.4%	18.6%	23.9%
75% met	30.5%	25.7%	32.0%	31.6%	24.8%	29.8%
50% met	18.3%	24.1%	28.3%	23.4%	26.4%	31.4%
25% met	9.3%	13.7%	11.8%	13.4%	18.6%	12.2%
0% met	1.2%	3.3%	1.7%	2.2%	11.6%	2.7%

SUM OF THE TOP FOUR CHOICES

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Beaches	30.5%	36.2%	28.1%	23.9%	32.6%	34.2%
Boat docks	4.8%	7.4%	3.4%	2.3%	4.2%	6.4%
Boat ramps	8.6%	7.8%	4.8%	5.4%	5.7%	8.4%
Camping areas-RVs	11.5%	7.6%	6.9%	5.8%	4.9%	6.4%
Camping areas-group sites	4.4%	5.1%	4.3%	4.7%	6.7%	6.4%
Camping areas-primitive sites	5.4%	5.5%	4.8%	6.2%	4.4%	7.6%
Canoe/kayak launch sites	22.1%	15.5%	17.2%	22.6%	10.4%	19.2%
Canoe/kayak rentals	6.9%	11.9%	8.7%	10.3%	8.1%	13.8%
Disc golf	3.5%	3.3%	4.3%	3.5%	1.7%	3.2%
Fishing banks or docks	10.9%	13.9%	10.5%	11.5%	12.3%	17.0%
Golf courses	17.7%	14.5%	14.4%	12.6%	6.9%	13.0%

SUM OF THE TOP FOUR CHOICES - CONTINUED**Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household? (top 4)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Golf driving ranges	6.5%	4.3%	5.1%	5.3%	4.0%	4.7%
Marinas	1.3%	4.9%	1.5%	0.8%	2.5%	3.2%
Natural areas	28.8%	26.2%	31.6%	35.4%	22.0%	27.3%
Nature centers	14.6%	16.6%	16.6%	10.7%	13.6%	16.7%
Picnic shelters	7.5%	11.2%	11.1%	7.6%	24.9%	12.8%
Picnic tables	8.1%	11.7%	9.3%	12.3%	17.8%	12.8%
Playgrounds	12.7%	14.7%	12.5%	8.2%	21.7%	9.3%
Splash pad (water play area)	7.9%	9.8%	7.5%	3.7%	11.6%	7.9%
Outdoor swimming pools	9.6%	12.1%	9.1%	8.9%	14.6%	12.8%
Waterslides	4.2%	3.5%	2.4%	2.3%	4.7%	2.2%
Trails-mountain biking	9.4%	8.8%	11.8%	8.6%	2.5%	7.1%

SUM OF THE TOP FOUR CHOICES – CONTINUED

Q9. Regardless of their current availability in Southeast Michigan, which FOUR of the facilities from the list in Question 8 are MOST IMPORTANT to your household? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Trails-paved, multi-use (walking, biking)	45.9%	44.4%	49.4%	50.4%	26.9%	40.0%
Trails-unpaved, hiking	29.2%	21.5%	32.2%	40.5%	12.3%	27.3%
Trails-unpaved, nature trails	25.3%	25.8%	25.4%	36.0%	14.8%	26.8%
Other	2.5%	2.9%	4.8%	3.9%	1.2%	3.2%
None chosen	5.6%	4.9%	6.5%	7.4%	19.3%	5.2%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-1. Art/photography

Yes	25.5%	28.8%	28.5%	29.4%	33.8%	31.7%
No	74.5%	71.2%	71.5%	70.6%	66.2%	68.3%

Q10-2. Astronomy programs

Yes	25.1%	21.9%	24.7%	28.4%	24.4%	28.7%
No	74.9%	78.1%	75.3%	71.6%	75.6%	71.3%

Q10-3. Bird/wildlife watching programs

Yes	34.4%	34.8%	35.7%	42.0%	27.7%	36.4%
No	65.6%	65.2%	64.3%	58.0%	72.3%	63.6%

Q10-4. Boating classes

Yes	11.3%	15.9%	10.8%	8.9%	17.5%	12.8%
No	88.7%	84.1%	89.2%	91.1%	82.5%	87.2%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-5. Camping

Yes	28.0%	31.1%	25.6%	26.5%	27.9%	32.7%
No	72.0%	68.9%	74.4%	73.5%	72.1%	67.3%

Q10-6. Concerts

Yes	42.2%	52.4%	41.5%	39.1%	43.0%	39.3%
No	57.8%	47.6%	58.5%	60.9%	57.0%	60.7%

Q10-7. Environmental education programs

Yes	24.2%	22.7%	27.1%	30.2%	29.9%	29.0%
No	75.8%	77.3%	72.9%	69.8%	70.1%	71.0%

Q10-8. Farm educational programs

Yes	21.1%	16.0%	17.0%	15.6%	21.2%	17.2%
No	78.9%	84.0%	83.0%	84.4%	78.8%	82.8%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-9. Fishing programs

Yes	16.1%	22.3%	13.7%	13.4%	21.2%	20.4%
No	83.9%	77.7%	86.3%	86.6%	78.8%	79.6%

Q10-10. Golf lessons

Yes	16.7%	18.0%	12.2%	9.7%	15.8%	11.5%
No	83.3%	82.0%	87.8%	90.3%	84.2%	88.5%

Q10-11. Golf tournaments

Yes	9.0%	6.7%	5.5%	5.1%	5.9%	6.4%
No	91.0%	93.3%	94.5%	94.9%	94.1%	93.6%

Q10-12. Guided motorized boat tours

Yes	7.7%	11.7%	8.2%	5.4%	15.8%	8.4%
No	92.3%	88.3%	91.8%	94.6%	84.2%	91.6%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-13. Guided canoe/kayak tours

Yes	17.7%	21.1%	18.4%	18.7%	22.2%	24.8%
No	82.3%	78.9%	81.6%	81.3%	77.8%	75.2%

Q10-14. Guided nature hikes

Yes	20.0%	25.2%	21.8%	25.7%	24.0%	26.3%
No	80.0%	74.8%	78.2%	74.3%	76.0%	73.7%

Q10-15. Homeschool programs

Yes	5.0%	5.5%	3.6%	3.1%	11.6%	6.4%
No	95.0%	94.5%	96.4%	96.9%	88.4%	93.6%

Q10-16. Movies in the park

Yes	27.1%	33.5%	25.0%	24.7%	33.8%	25.6%
No	72.9%	66.5%	75.0%	75.3%	66.2%	74.4%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-17. Natural/cultural history programs

Yes	18.2%	20.7%	18.9%	24.1%	24.4%	21.4%
No	81.8%	79.3%	81.1%	75.9%	75.6%	78.6%

Q10-18. Pet-friendly programs

Yes	26.9%	28.4%	27.6%	23.5%	26.7%	28.5%
No	73.1%	71.6%	72.4%	76.5%	73.3%	71.5%

Q10-19. Programs for people with disabilities

Yes	11.1%	12.5%	10.8%	12.8%	22.7%	13.5%
No	88.9%	87.5%	89.2%	87.2%	77.3%	86.5%

Q10-20. Running clubs/programs

Yes	9.4%	9.2%	7.7%	8.2%	12.1%	7.1%
No	90.6%	90.8%	92.3%	91.8%	87.9%	92.9%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-21. Scouting

Yes	6.1%	5.5%	6.0%	4.7%	7.9%	6.4%
No	93.9%	94.5%	94.0%	95.3%	92.1%	93.6%

Q10-22. Swim lessons

Yes	12.5%	15.1%	9.8%	11.7%	29.9%	13.3%
No	87.5%	84.9%	90.2%	88.3%	70.1%	86.7%

Q10-23. Virtual programs

Yes	4.8%	5.9%	3.4%	7.4%	9.4%	3.9%
No	95.2%	94.1%	96.6%	92.6%	90.6%	96.1%

Q10-24. Walking clubs/programs

Yes	22.5%	25.8%	26.4%	21.6%	31.6%	25.8%
No	77.5%	74.2%	73.6%	78.4%	68.4%	74.2%

Q10. Please indicate if you or other members of your household have a need for each of the programs listed below.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-25. Water fitness programs

Yes	14.8%	20.5%	14.1%	14.0%	30.6%	20.4%
No	85.2%	79.5%	85.9%	86.0%	69.4%	79.6%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-1. Art/photography

100% met	14.1%	9.7%	11.2%	11.0%	9.6%	17.8%
75% met	22.2%	26.6%	23.1%	15.7%	13.0%	12.1%
50% met	27.3%	21.8%	23.1%	27.6%	22.6%	31.8%
25% met	19.2%	29.8%	25.4%	21.3%	31.3%	16.8%
0% met	17.2%	12.1%	17.2%	24.4%	23.5%	21.5%

Q10-2. Astronomy programs

100% met	3.6%	3.1%	4.3%	4.1%	6.1%	2.3%
75% met	9.5%	12.5%	8.5%	4.1%	3.7%	10.3%
50% met	15.5%	20.8%	23.9%	18.2%	22.0%	18.4%
25% met	28.6%	25.0%	27.4%	26.4%	25.6%	32.2%
0% met	42.9%	38.5%	35.9%	47.1%	42.7%	36.8%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-3. Bird/wildlife watching programs

100% met	13.6%	9.2%	11.8%	9.9%	11.1%	19.3%
75% met	28.0%	25.5%	20.6%	18.8%	12.2%	16.8%
50% met	29.5%	34.6%	28.2%	31.5%	27.8%	25.2%
25% met	14.4%	21.6%	22.9%	26.5%	21.1%	26.1%
0% met	14.4%	9.2%	16.5%	13.3%	27.8%	12.6%

Q10-4. Boating classes

100% met	7.5%	6.0%	8.2%	5.3%	7.9%	4.9%
75% met	17.5%	16.4%	18.4%	2.6%	11.1%	22.0%
50% met	32.5%	38.8%	20.4%	21.1%	19.0%	17.1%
25% met	12.5%	16.4%	26.5%	28.9%	27.0%	24.4%
0% met	30.0%	22.4%	26.5%	42.1%	34.9%	31.7%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-5. Camping

100% met	17.2%	12.1%	14.2%	13.7%	10.8%	10.4%
75% met	24.1%	13.5%	26.0%	16.1%	23.7%	22.6%
50% met	32.8%	29.8%	31.5%	38.7%	18.3%	32.2%
25% met	13.8%	26.2%	17.3%	17.7%	31.2%	22.6%
0% met	12.1%	18.4%	11.0%	13.7%	16.1%	12.2%

Q10-6. Concerts

100% met	3.6%	12.1%	10.1%	8.8%	12.1%	6.4%
75% met	12.0%	29.3%	20.8%	13.3%	23.5%	11.3%
50% met	29.9%	27.6%	39.6%	25.4%	26.2%	29.1%
25% met	29.9%	22.8%	19.3%	28.2%	28.9%	29.1%
0% met	24.6%	8.2%	10.1%	24.3%	9.4%	24.1%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-7. Environmental education programs

100% met	5.4%	7.1%	6.1%	7.4%	8.2%	9.7%
75% met	27.2%	29.3%	22.1%	16.3%	9.2%	18.3%
50% met	33.7%	29.3%	32.8%	33.3%	20.4%	36.6%
25% met	16.3%	23.2%	30.5%	27.4%	36.7%	20.4%
0% met	17.4%	11.1%	8.4%	15.6%	25.5%	15.1%

Q10-8. Farm educational programs

100% met	14.1%	8.5%	5.8%	4.5%	10.0%	10.3%
75% met	25.9%	21.1%	26.7%	12.1%	7.1%	15.5%
50% met	30.6%	26.8%	23.3%	21.2%	18.6%	34.5%
25% met	16.5%	22.5%	26.7%	31.8%	38.6%	19.0%
0% met	12.9%	21.1%	17.4%	30.3%	25.7%	20.7%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-9. Fishing programs

100% met	7.9%	4.0%	6.3%	3.3%	8.6%	4.3%
75% met	14.3%	15.8%	20.6%	11.7%	12.9%	22.9%
50% met	34.9%	29.7%	20.6%	20.0%	18.6%	35.7%
25% met	17.5%	27.7%	28.6%	25.0%	32.9%	25.7%
0% met	25.4%	22.8%	23.8%	40.0%	27.1%	11.4%

Q10-10. Golf lessons

100% met	7.1%	3.8%	12.3%	6.8%	5.6%	5.6%
75% met	17.9%	14.1%	10.5%	9.1%	5.6%	13.9%
50% met	28.6%	35.9%	29.8%	36.4%	24.1%	13.9%
25% met	17.9%	19.2%	24.6%	22.7%	20.4%	25.0%
0% met	28.6%	26.9%	22.8%	25.0%	44.4%	41.7%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-11. Golf tournaments

100% met	6.1%	7.1%	4.3%	4.0%	11.1%	9.1%
75% met	21.2%	3.6%	4.3%	12.0%	0.0%	0.0%
50% met	24.2%	35.7%	43.5%	24.0%	27.8%	9.1%
25% met	15.2%	25.0%	30.4%	32.0%	16.7%	50.0%
0% met	33.3%	28.6%	17.4%	28.0%	44.4%	31.8%

Q10-12. Guided motorized boat tours

100% met	7.4%	3.6%	5.1%	4.8%	7.1%	3.3%
75% met	7.4%	8.9%	17.9%	0.0%	8.9%	10.0%
50% met	22.2%	23.2%	15.4%	9.5%	12.5%	13.3%
25% met	14.8%	17.9%	17.9%	14.3%	26.8%	30.0%
0% met	48.1%	46.4%	43.6%	71.4%	44.6%	43.3%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-13. Guided canoe/kayak tours

100% met	3.2%	4.2%	2.4%	0.0%	9.0%	2.6%
75% met	8.1%	7.4%	7.1%	4.8%	6.4%	5.2%
50% met	24.2%	23.2%	15.5%	21.7%	15.4%	19.5%
25% met	19.4%	22.1%	33.3%	19.3%	34.6%	31.2%
0% met	45.2%	43.2%	41.7%	54.2%	34.6%	41.6%

Q10-14. Guided nature hikes

100% met	4.5%	4.6%	2.1%	4.4%	10.0%	2.3%
75% met	13.6%	9.2%	9.6%	9.6%	3.8%	9.2%
50% met	31.8%	23.9%	24.5%	29.8%	17.5%	29.9%
25% met	10.6%	34.9%	29.8%	27.2%	28.8%	31.0%
0% met	39.4%	27.5%	34.0%	28.9%	40.0%	27.6%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q10-15. Homeschool programs

100% met	0.0%	0.0%	11.8%	0.0%	11.6%	11.1%
75% met	18.2%	16.0%	11.8%	7.1%	2.3%	5.6%
50% met	31.8%	40.0%	17.6%	28.6%	16.3%	44.4%
25% met	27.3%	20.0%	29.4%	42.9%	32.6%	5.6%
0% met	22.7%	24.0%	29.4%	21.4%	37.2%	33.3%

Q10-16. Movies in the park

100% met	3.7%	4.7%	9.7%	3.5%	8.2%	3.5%
75% met	10.3%	18.2%	12.4%	11.5%	4.9%	9.3%
50% met	28.0%	25.0%	26.5%	23.0%	18.9%	26.7%
25% met	19.6%	29.7%	24.8%	29.2%	39.3%	31.4%
0% met	38.3%	22.3%	26.5%	32.7%	28.7%	29.1%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q10-17. Natural/cultural history programs

100% met	7.0%	7.1%	4.7%	1.9%	11.6%	4.7%
75% met	15.5%	16.5%	14.1%	8.6%	9.3%	9.4%
50% met	33.8%	28.2%	30.6%	38.1%	22.1%	39.1%
25% met	22.5%	31.8%	27.1%	27.6%	37.2%	18.8%
0% met	21.1%	16.5%	23.5%	23.8%	19.8%	28.1%

Q10-18. Pet-friendly programs

100% met	5.5%	4.1%	4.5%	1.9%	6.5%	6.5%
75% met	10.1%	14.6%	11.4%	9.4%	7.6%	8.7%
50% met	25.7%	28.5%	28.0%	30.2%	17.4%	29.3%
25% met	24.8%	25.2%	28.8%	25.5%	30.4%	26.1%
0% met	33.9%	27.6%	27.3%	33.0%	38.0%	29.3%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q10-19. Programs for people with disabilities

100% met	7.5%	7.5%	2.0%	0.0%	6.6%	5.1%
75% met	12.5%	18.9%	2.0%	1.8%	3.9%	7.7%
50% met	37.5%	20.8%	16.0%	21.8%	19.7%	17.9%
25% met	7.5%	34.0%	40.0%	34.5%	30.3%	48.7%
0% met	35.0%	18.9%	40.0%	41.8%	39.5%	20.5%

Q10-20. Running clubs/programs

100% met	9.1%	5.0%	8.1%	2.9%	9.3%	8.3%
75% met	12.1%	20.0%	8.1%	8.6%	7.0%	0.0%
50% met	27.3%	27.5%	35.1%	11.4%	32.6%	16.7%
25% met	18.2%	17.5%	18.9%	25.7%	14.0%	41.7%
0% met	33.3%	30.0%	29.7%	51.4%	37.2%	33.3%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-21. Scouting

100% met	19.0%	8.0%	13.8%	15.8%	14.3%	13.6%
75% met	14.3%	16.0%	27.6%	15.8%	3.6%	27.3%
50% met	33.3%	36.0%	20.7%	31.6%	28.6%	27.3%
25% met	4.8%	36.0%	20.7%	21.1%	28.6%	18.2%
0% met	28.6%	4.0%	17.2%	15.8%	25.0%	13.6%

Q10-22. Swim lessons

100% met	6.4%	7.4%	8.7%	8.2%	5.7%	8.2%
75% met	12.8%	10.3%	17.4%	4.1%	8.6%	4.1%
50% met	25.5%	26.5%	17.4%	22.4%	19.0%	18.4%
25% met	19.1%	20.6%	28.3%	26.5%	31.4%	34.7%
0% met	36.2%	35.3%	28.3%	38.8%	35.2%	34.7%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q10-23. Virtual programs

100% met	18.8%	5.3%	5.9%	7.7%	10.0%	8.3%
75% met	18.8%	31.6%	17.6%	0.0%	10.0%	0.0%
50% met	31.3%	15.8%	5.9%	30.8%	20.0%	25.0%
25% met	0.0%	26.3%	23.5%	26.9%	20.0%	33.3%
0% met	31.3%	21.1%	47.1%	34.6%	40.0%	33.3%

Q10-24. Walking clubs/programs

100% met	6.0%	2.8%	0.8%	3.2%	9.3%	3.9%
75% met	12.0%	11.9%	8.1%	6.3%	13.1%	7.8%
50% met	25.3%	27.5%	22.6%	23.2%	15.0%	29.9%
25% met	18.1%	22.0%	35.5%	33.7%	24.3%	27.3%
0% met	38.6%	35.8%	33.1%	33.7%	38.3%	31.2%

Q10. If "Yes," please rate how well the needs of your household are currently being met by existing programs/activities in Southeast Michigan using a scale of 1 to 5, where 5 means your needs are being "100% met" and 1 means your needs are being "0% met."

N=2542

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q10-25. Water fitness programs

100% met	5.6%	3.3%	3.1%	3.3%	7.4%	4.5%
75% met	5.6%	7.7%	7.7%	5.0%	2.8%	3.0%
50% met	31.5%	22.0%	20.0%	20.0%	13.0%	18.2%
25% met	18.5%	28.6%	27.7%	31.7%	37.0%	33.3%
0% met	38.9%	38.5%	41.5%	40.0%	39.8%	40.9%

SUM OF THE TOP FOUR CHOICES**Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household? (top 4)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Art/photography	11.7%	15.9%	15.6%	16.9%	17.8%	18.2%
Astronomy programs	13.6%	12.1%	13.7%	15.6%	10.6%	15.0%
Bird/wildlife watching programs	23.4%	19.2%	23.0%	22.0%	10.9%	23.1%
Boating classes	4.4%	5.7%	3.6%	3.3%	6.7%	6.4%
Camping	20.0%	18.8%	17.0%	15.2%	13.8%	21.9%
Concerts	25.5%	30.9%	24.5%	24.3%	20.7%	23.3%
Environmental education programs	15.0%	12.9%	16.8%	19.3%	10.1%	17.7%
Farm educational programs	9.6%	7.8%	10.1%	5.8%	7.9%	7.4%
Fishing programs	9.8%	12.1%	9.6%	8.2%	11.9%	13.0%
Golf lessons	9.0%	10.2%	6.5%	5.4%	7.4%	8.6%
Golf tournaments	4.0%	4.1%	2.6%	2.7%	2.5%	4.2%

SUM OF THE TOP FOUR CHOICES – CONTINUED**Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household? (top 4)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Guided motorized boat tours	3.1%	4.7%	2.2%	1.6%	5.2%	2.5%
Guided canoe/kayak tours	9.6%	11.2%	9.4%	10.3%	8.6%	13.3%
Guided nature hikes	12.3%	13.7%	14.1%	16.1%	10.6%	17.9%
Homeschool programs	2.7%	2.0%	3.1%	1.2%	5.2%	1.5%
Movies in the park	15.0%	17.8%	10.5%	11.3%	15.3%	10.8%
Natural/cultural history programs	8.8%	11.0%	12.3%	13.6%	8.9%	11.8%
Pet-friendly programs	16.5%	18.6%	15.1%	15.0%	15.1%	17.2%
Programs for people with disabilities	4.8%	5.3%	7.2%	7.6%	11.9%	7.9%
Running clubs/programs	4.8%	3.1%	4.1%	3.9%	3.2%	4.2%
Scouting	2.9%	0.8%	2.6%	1.2%	2.0%	2.7%

SUM OF THE TOP FOUR CHOICES – CONTINUED

Q11. Regardless of their current availability in Southeast Michigan, which FOUR of the programs from the list in Question 10 are MOST IMPORTANT to your household? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Swim lessons	6.5%	7.2%	5.1%	6.6%	16.5%	6.9%
Virtual programs	1.3%	2.5%	1.0%	2.1%	2.0%	1.0%
Walking clubs/programs	16.7%	17.6%	17.0%	12.6%	16.8%	14.3%
Water fitness programs	6.3%	9.8%	7.5%	5.6%	14.3%	9.1%
Other	3.1%	4.1%	4.3%	3.3%	2.0%	3.9%
None chosen	20.5%	16.2%	17.8%	23.9%	24.9%	16.5%

WITHOUT "DON'T REMEMBER" RESPONSES

Q12. Have you or other members of your household used any of the trails operated by Huron-Clinton Metroparks during the past year? (without "don't remember")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Yes	77.0%	73.3%	72.9%	74.6%	39.7%	64.1%
No	23.0%	26.7%	27.1%	25.4%	60.3%	35.9%

Q12a. Which of the following activities did you or other members of your household participate in on trails operated by Huron-Clinton Metroparks during the past year?

N=1820

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Walk on nature trails	84.0%	76.1%	77.5%	84.2%	73.9%	80.1%
Walk on paved trails	78.5%	73.9%	72.7%	82.5%	63.4%	75.4%
Walk/run dog on paved trails	23.0%	32.2%	28.1%	31.8%	25.4%	24.6%
Run on paved trails	16.9%	17.8%	15.4%	13.5%	12.7%	10.2%
Hike on rustic trails	42.4%	35.9%	40.5%	43.7%	27.5%	42.4%
Cycle on paved trails	41.3%	47.1%	44.8%	42.8%	36.6%	36.4%
Cycle on mountain bike trails	16.3%	17.8%	16.7%	11.5%	11.3%	9.7%
Cycle on roadways	13.7%	17.8%	15.7%	13.0%	9.9%	11.9%
In-line skate on paved trails	3.2%	7.8%	3.8%	3.7%	3.5%	3.4%
Horseback riding	3.2%	0.9%	3.5%	2.5%	4.9%	2.5%

EXCLUDING "NONE" RESPONSES

Q13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often. (without "none")

N=2231

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q13. All the reasons that prevent your household from using parks & facilities operated by Huron-Clinton Metroparks more often

Facilities are not well maintained	2.4%	7.5%	4.6%	3.4%	7.8%	6.8%
Not interested in programs/facilities offered	7.4%	7.3%	6.7%	5.6%	5.7%	5.3%
Facilities lack right equipment	2.9%	4.3%	3.0%	3.4%	4.8%	3.4%
I don't feel safe	4.7%	8.0%	5.4%	5.8%	8.1%	5.9%
Lack of quality programs	5.6%	6.3%	4.1%	4.2%	6.6%	4.7%
Location is not convenient	29.8%	32.1%	42.8%	36.2%	60.1%	42.5%
Programs are always full	4.4%	4.0%	2.4%	3.2%	4.2%	1.9%
Program times are not convenient	5.6%	9.0%	7.0%	7.4%	7.8%	9.3%
Use services/facilities provided by other organizations	5.0%	4.3%	5.2%	10.1%	3.3%	6.8%

EXCLUDING "NONE" RESPONSES

Q13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often. (without "none")

N=2231

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q13. All the reasons that prevent your household from using parks & facilities operated by Huron-Clinton Metroparks more often (Cont.)

Cost/fees are too high	20.1%	16.5%	14.3%	13.5%	16.5%	14.0%
Poor customer service by staff	2.4%	1.8%	0.9%	1.6%	2.4%	2.2%
I do not know locations of facilities	14.2%	16.8%	12.4%	20.6%	23.4%	19.9%
Not accessible for people with disabilities	3.2%	3.3%	4.1%	4.5%	8.7%	5.0%
I do not know what is being offered	45.7%	50.1%	46.1%	52.6%	46.5%	50.6%
Facility operating hours not convenient	1.8%	1.8%	2.0%	2.9%	3.9%	6.2%
Registration for programs is difficult	2.9%	2.0%	1.7%	4.0%	3.6%	1.2%
Lack of parking by facilities & parks	3.5%	2.0%	2.4%	3.7%	4.2%	1.6%

EXCLUDING "NONE" RESPONSES

Q13. Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often. (without "none")

N=2231

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q13. All the reasons that prevent your household from using parks & facilities operated by Huron-Clinton Metroparks more often (Cont.)

Lack of transportation	1.5%	4.3%	2.0%	3.7%	8.7%	2.8%
No time to visit parks	25.1%	22.3%	21.7%	24.9%	13.2%	21.1%
Don't visit parks of any kind	1.5%	1.0%	1.3%	1.6%	2.1%	1.9%
Program topics are not interesting to me	2.4%	4.3%	3.3%	1.9%	2.7%	4.7%
I do not feel welcome in parks	0.6%	2.0%	0.9%	1.3%	6.0%	1.6%
Other	9.7%	8.0%	9.3%	11.6%	9.6%	12.4%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-1. Aquatic facilities (swimming pools, wave pools, lazy rivers)

Very supportive	44.0%	51.1%	43.8%	45.7%	51.3%	50.0%
Somewhat supportive	37.8%	38.5%	42.2%	39.6%	38.6%	38.7%
Not supportive	18.3%	10.4%	14.0%	14.7%	10.1%	11.3%

Q14-2. Boardwalks

Very supportive	58.7%	58.3%	54.7%	66.5%	49.2%	56.8%
Somewhat supportive	37.3%	37.0%	41.1%	28.5%	41.5%	38.6%
Not supportive	3.9%	4.7%	4.2%	5.0%	9.3%	4.5%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-3. Boat ramps

Very supportive	33.7%	34.8%	28.5%	26.1%	28.6%	32.9%
Somewhat supportive	47.4%	47.0%	49.9%	51.1%	46.1%	50.6%
Not supportive	18.9%	18.2%	21.6%	22.8%	25.4%	16.5%

Q14-4. Campgrounds

Very supportive	44.8%	45.0%	41.8%	42.0%	42.7%	48.7%
Somewhat supportive	41.9%	42.5%	46.4%	47.2%	41.8%	40.2%
Not supportive	13.3%	12.6%	11.8%	10.9%	15.5%	11.1%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-5. Canoe/kayak launches

Very supportive	57.1%	53.0%	52.2%	59.8%	45.2%	54.8%
Somewhat supportive	36.7%	37.2%	41.1%	34.3%	40.0%	38.1%
Not supportive	6.2%	9.7%	6.7%	5.9%	14.8%	7.1%

Q14-6. Nature centers

Very supportive	68.0%	68.2%	68.3%	64.4%	60.5%	67.7%
Somewhat supportive	28.2%	28.1%	26.8%	31.5%	31.9%	27.1%
Not supportive	3.8%	3.6%	4.9%	4.1%	7.5%	5.2%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-7. Picnic shelters

Very supportive	51.6%	55.6%	54.3%	51.6%	66.0%	54.4%
Somewhat supportive	42.9%	39.1%	41.9%	43.8%	28.2%	40.9%
Not supportive	5.5%	5.4%	3.8%	4.5%	5.8%	4.7%

Q14-8. Playgrounds

Very supportive	56.3%	64.1%	60.6%	54.9%	67.9%	58.7%
Somewhat supportive	36.6%	30.0%	32.1%	37.0%	26.8%	33.5%
Not supportive	7.1%	5.9%	7.3%	8.1%	5.3%	7.8%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-9. Restrooms

Very supportive	84.5%	84.3%	85.7%	82.9%	81.5%	87.1%
Somewhat supportive	13.9%	13.0%	11.6%	15.2%	13.4%	10.8%
Not supportive	1.6%	2.7%	2.7%	1.9%	5.1%	2.1%

Q14-10. Splash pads (water playground)

Very supportive	37.9%	43.6%	38.1%	29.9%	51.5%	39.6%
Somewhat supportive	42.5%	45.0%	43.1%	50.2%	35.9%	45.5%
Not supportive	19.7%	11.4%	18.8%	19.9%	12.6%	15.0%

EXCLUDING "DON'T KNOW" RESPONSES

Q14. Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations. (without "don't know")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q14-11. Trails-paved, multi-use

Very supportive	73.6%	75.8%	77.3%	76.9%	60.1%	74.5%
Somewhat supportive	22.9%	21.2%	20.4%	19.5%	31.2%	22.5%
Not supportive	3.5%	3.0%	2.2%	3.6%	8.7%	3.0%

Q14-12. Trails-unpaved, nature trails

Very supportive	74.0%	69.8%	75.0%	79.9%	59.5%	71.9%
Somewhat supportive	22.6%	26.4%	22.2%	17.2%	29.9%	25.0%
Not supportive	3.3%	3.8%	2.8%	2.9%	10.6%	3.1%

SUM OF THE TOP FOUR CHOICES

Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Aquatic facilities (swimming pools, wave pools, lazy rivers)	25.1%	29.4%	22.1%	19.6%	32.6%	26.8%
Boardwalks	21.3%	24.5%	18.9%	26.3%	17.5%	22.1%
Boat ramps	7.7%	10.8%	6.5%	5.8%	8.4%	9.3%
Campgrounds	16.5%	16.6%	16.8%	17.1%	13.8%	20.1%
Canoe/kayak launches	21.7%	16.8%	18.7%	24.9%	14.1%	25.8%
Nature centers	29.2%	31.5%	30.0%	21.4%	25.7%	30.0%
Picnic shelters	14.0%	18.8%	18.2%	17.7%	31.6%	21.9%
Playgrounds	19.8%	23.3%	17.5%	13.0%	29.4%	19.2%
Restrooms	46.1%	48.1%	47.3%	51.0%	49.6%	59.7%
Splash pads (water playground)	9.0%	13.9%	9.8%	5.6%	14.8%	7.4%
Trails-paved, multi-use	53.2%	52.4%	55.9%	61.9%	27.7%	45.5%

SUM OF THE TOP FOUR CHOICES - CONTINUED**Q15. Which FOUR of the items listed above in Question 14 are MOST IMPORTANT to your household? (top 4)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Trails-unpaved, nature trails	48.2%	39.9%	51.3%	56.4%	22.2%	41.5%
Other	4.2%	4.5%	4.6%	5.1%	3.5%	4.7%
None chosen	10.0%	9.8%	11.0%	10.1%	21.2%	9.8%

Q16. Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q16. All the ways you learn about Huron-Clinton Metroparks facilities, programs, & services

Web/Google searches	45.7%	46.6%	49.2%	59.1%	38.5%	52.3%
Metroparks website	56.8%	60.9%	57.1%	57.2%	42.5%	59.7%
Information sent home from schools	3.3%	5.7%	2.7%	2.7%	4.0%	3.2%
Social media	25.3%	29.5%	23.8%	15.8%	22.0%	23.8%
From friends, family & neighbors	37.2%	39.5%	38.4%	41.1%	43.5%	41.0%
Email blasts	8.8%	11.2%	9.6%	6.4%	6.2%	12.5%
Local print newspapers	8.8%	15.9%	13.4%	13.4%	10.9%	7.1%
Digital news resources	5.0%	4.9%	4.3%	9.1%	6.9%	7.9%
Digital ads on websites & apps	2.7%	3.1%	3.9%	4.1%	3.0%	5.2%
Direct mailers sent to my home	10.2%	11.4%	9.6%	13.2%	6.9%	7.1%
Printed flyers & programming guides	7.9%	6.5%	7.4%	9.9%	5.7%	8.1%

Q16. Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q16. All the ways you learn about Huron-Clinton Metroparks facilities, programs, & services (Cont.)

In-park signage from previous visits	23.4%	23.1%	23.5%	24.1%	14.3%	28.0%
Radio stations	8.6%	4.7%	5.7%	5.3%	9.9%	4.9%
Local news stations	6.1%	7.2%	8.2%	3.3%	16.3%	6.6%
Roadside billboards	6.5%	5.1%	4.3%	4.3%	5.9%	4.2%
Other	2.3%	2.2%	1.7%	4.7%	2.5%	2.9%

SUM OF THE TOP FOUR CHOICES**Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services? (top 4)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)
Web/Google searches	35.5%	39.3%	39.8%	44.4%	34.6%	42.0%
Metroparks website	53.4%	57.5%	55.1%	53.7%	40.2%	57.7%
Information sent home from schools	4.2%	5.5%	3.4%	2.5%	6.9%	4.2%
Social media	28.2%	28.8%	22.5%	20.4%	23.5%	29.2%
From friends, family & neighbors	25.5%	24.1%	24.2%	23.2%	27.9%	24.3%
Email blasts	20.3%	19.4%	20.8%	20.2%	19.5%	25.8%
Local print newspapers	9.2%	13.1%	11.5%	11.9%	9.1%	5.2%
Digital news resources	6.3%	5.9%	5.7%	7.8%	7.4%	6.9%
Digital ads on websites & apps	4.6%	4.7%	3.6%	5.1%	5.4%	5.7%
Direct mailers sent to my home	19.0%	26.0%	19.6%	19.6%	15.6%	21.9%
Printed flyers & programming guides	8.8%	10.4%	12.7%	11.9%	9.9%	12.3%

SUM OF THE TOP FOUR CHOICES - CONTINUED

Q17. From the list in Question 16, what are your most preferred ways for learning about Huron-Clinton Metroparks facilities, and programs, and services? (top 4)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q17. Top choice (Cont.)

In-park signage from previous visits	12.3%	13.3%	15.3%	16.0%	7.4%	16.5%
Radio stations	6.9%	3.9%	5.8%	5.6%	9.4%	4.9%
Local news stations	5.2%	7.6%	5.8%	4.5%	15.1%	5.9%
Roadside billboards	5.0%	4.5%	3.6%	4.7%	4.2%	5.7%
Other	1.5%	2.3%	1.7%	1.9%	2.7%	2.2%
None chosen	15.7%	11.2%	13.2%	16.9%	23.7%	11.3%

Q18. Are you or other members of your household currently using any indoor or outdoor aquatic facilities?

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q18. Is your household currently using any indoor or outdoor aquatic facilities

Yes	16.5%	18.2%	17.2%	16.9%	15.1%	17.2%
No	83.5%	81.8%	82.8%	83.1%	84.9%	82.8%

EXCLUDING "DON'T KNOW" RESPONSES

Q18a. What type of aquatic facilities are you currently using? (without "not provided")

N=490

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q18a. What type of aquatic facilities are you currently using

Indoor	48.7%	38.9%	49.0%	49.4%	60.3%	50.0%
Outdoor	27.6%	25.6%	19.0%	25.9%	20.7%	16.2%
Both indoor & outdoor	23.7%	35.6%	32.0%	24.7%	19.0%	33.8%

Q18b. What types of swimming do you or members of your household participate in?

N=490

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q18b. What types of swimming does your household participate in

Competitive swimming	7.6%	8.6%	8.0%	13.8%	4.9%	11.4%
Recreational swimming	67.1%	65.6%	56.0%	57.5%	59.0%	65.7%
Lap swimming	30.4%	22.6%	38.0%	43.7%	32.8%	22.9%
Therapy swimming	17.7%	12.9%	12.0%	13.8%	27.9%	21.4%
Water exercise	26.6%	40.9%	41.0%	29.9%	49.2%	41.4%
Outdoor seasonal swimming	31.6%	38.7%	31.0%	39.1%	24.6%	40.0%
Swim lessons	21.5%	18.3%	22.0%	25.3%	27.9%	22.9%
Training/educational	3.8%	4.3%	6.0%	2.3%	1.6%	5.7%
Other	1.3%	1.1%	1.0%	0.0%	0.0%	2.9%

EXCLUDING "NOT PROVIDED" RESPONSES

Q18c. How well do existing aquatic facilities meet the needs of your household? (without "not provided")

N=490

Area						
Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)	

Q18c. How well do existing aquatic facilities meet needs of your household

Completely meet our needs	23.0%	8.8%	18.6%	26.7%	21.7%	22.1%
Mostly meet our needs	31.1%	42.9%	39.2%	27.9%	30.0%	33.8%
Partly meet our needs	33.8%	37.4%	33.0%	32.6%	41.7%	38.2%
Doesn't meet our needs	12.2%	11.0%	9.3%	12.8%	6.7%	5.9%

EXCLUDING "NOT SURE" RESPONSES**Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q19-1. Area for water fitness

Strongly needed	37.1%	41.0%	36.7%	38.0%	57.5%	42.5%
Somewhat needed	41.4%	46.4%	46.2%	42.6%	34.3%	44.6%
Not needed	21.5%	12.5%	17.1%	19.4%	8.2%	12.9%

Q19-2. Competition swimming

Strongly needed	8.4%	12.5%	9.0%	9.5%	14.2%	9.2%
Somewhat needed	35.3%	39.0%	36.6%	37.6%	42.9%	44.0%
Not needed	56.3%	48.5%	54.5%	52.9%	42.9%	46.8%

EXCLUDING "NOT SURE" RESPONSES**Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q19-3. Deep water area

Strongly needed	17.3%	17.8%	16.5%	19.1%	23.0%	20.8%
Somewhat needed	41.8%	52.1%	46.7%	49.0%	44.0%	51.4%
Not needed	40.9%	30.1%	36.8%	31.9%	33.1%	27.8%

Q19-4. Family-oriented warm water pool

Strongly needed	39.5%	48.9%	43.1%	40.3%	56.6%	55.1%
Somewhat needed	39.0%	39.4%	40.7%	41.6%	35.2%	33.0%
Not needed	21.5%	11.6%	16.2%	18.1%	8.2%	11.8%

EXCLUDING "NOT SURE" RESPONSES

Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q19-5. Lap lanes for recreational lap swimming

Strongly needed	33.9%	30.8%	33.3%	37.4%	35.4%	31.1%
Somewhat needed	35.9%	53.3%	46.4%	40.1%	47.5%	45.6%
Not needed	30.2%	15.9%	20.2%	22.5%	17.1%	23.3%

Q19-6. Lazy river

Strongly needed	31.6%	35.2%	33.7%	29.0%	38.8%	40.9%
Somewhat needed	43.0%	46.6%	41.9%	44.0%	44.2%	40.2%
Not needed	25.4%	18.2%	24.4%	27.0%	16.9%	18.9%

EXCLUDING "NOT SURE" RESPONSES

Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q19-7. Outdoor seasonal leisure pool

Strongly needed	38.1%	44.3%	35.7%	38.2%	54.4%	49.2%
Somewhat needed	39.8%	44.3%	45.4%	43.1%	37.4%	36.6%
Not needed	22.2%	11.4%	18.9%	18.7%	8.2%	14.2%

Q19-8. Outdoor spray ground

Strongly needed	28.7%	37.2%	29.6%	26.2%	45.6%	36.3%
Somewhat needed	46.2%	44.4%	46.1%	45.8%	39.7%	45.0%
Not needed	25.1%	18.4%	24.3%	28.0%	14.7%	18.7%

EXCLUDING "NOT SURE" RESPONSES**Q19. Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q19-9. Warm water pool for swim lessons or therapy

Strongly needed	43.4%	51.4%	42.0%	39.9%	62.7%	48.4%
Somewhat needed	33.3%	38.4%	40.7%	42.3%	28.3%	38.6%
Not needed	23.2%	10.1%	17.4%	17.8%	8.9%	13.0%

Q19-10. Whirlpool/hot tub

Strongly needed	27.2%	28.1%	23.2%	20.2%	40.9%	25.8%
Somewhat needed	24.9%	32.0%	25.2%	26.2%	33.7%	34.2%
Not needed	47.8%	39.9%	51.6%	53.6%	25.4%	40.0%

SUM OF THE TOP THREE CHOICES**Q20. Which THREE of the features listed in Question 19 do you feel are MOST NEEDED in the community? (top 3)**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q20. Top choice

Area for water fitness	27.6%	32.1%	32.9%	31.7%	39.5%	31.9%
Competition swimming	2.5%	3.7%	3.6%	2.5%	5.4%	2.5%
Deep water area	7.1%	9.2%	5.5%	8.9%	7.7%	8.8%
Family-oriented warm water pool	36.3%	42.3%	35.7%	33.5%	39.3%	40.8%
Lap lanes for recreational lap swimming	16.1%	19.6%	19.7%	24.5%	13.3%	18.9%
Lazy river	26.7%	28.0%	25.6%	19.6%	17.0%	29.5%
Outdoor seasonal leisure pool	25.1%	25.2%	26.6%	25.9%	23.0%	28.3%
Outdoor spray ground	13.2%	16.6%	14.1%	10.1%	12.6%	12.5%
Warm water pool for swim lessons or therapy	24.8%	30.3%	21.6%	23.0%	31.4%	26.3%
Whirlpool/hot tub	9.6%	13.7%	9.4%	7.6%	11.4%	12.3%
Other	0.2%	0.8%	0.5%	1.0%	1.2%	0.7%

Q21. Would you be interested in any of the following summer jobs at Metroparks?

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q21. What following summer jobs at Metroparks would you be interested in

Park maintenance	6.1%	6.3%	5.0%	5.8%	9.1%	8.6%
Lifeguard	2.1%	1.4%	1.5%	1.0%	2.2%	2.0%
Golf course attendant	6.3%	5.9%	5.5%	3.9%	4.0%	4.2%
Toll booth attendant	5.6%	8.0%	5.0%	3.3%	10.4%	7.1%
Police officer	2.1%	2.5%	1.7%	1.6%	3.0%	2.7%
Other	1.5%	1.6%	0.7%	1.6%	1.7%	1.5%
Not interested in summer jobs at Metroparks	85.6%	84.0%	87.3%	88.1%	80.0%	83.8%

EXCLUDING "NOT PROVIDED" RESPONSES

Q22. What is the maximum distance you would be willing to travel to work at a summer job at Metroparks? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q22. Maximum distance you would be willing to travel to work at a summer job at Metroparks

5 minutes or less driving	0.7%	2.0%	1.3%	0.9%	2.0%	0.8%
6 to 10 minutes driving	3.7%	6.3%	4.0%	1.9%	5.5%	3.6%
11 to 20 minutes driving	16.9%	15.9%	11.9%	12.7%	12.7%	14.8%
21 to 30 minutes driving	7.3%	10.5%	9.8%	8.4%	14.2%	13.2%
30+ minutes driving	1.1%	1.3%	0.4%	1.3%	1.7%	3.1%
Not interested in a summer job at Metroparks	70.3%	64.0%	72.6%	74.8%	63.9%	64.4%

Q23. Please CHECK ALL the reasons that would prevent you from working at a summer job at Metroparks.

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q23. All the reasons that would prevent you from working at a summer job at Metroparks

I do not know locations of parks/facilities	1.7%	1.8%	2.2%	2.3%	4.9%	3.4%
I do not know what jobs are available	9.0%	9.8%	6.9%	8.0%	11.9%	9.6%
Working hours are not convenient	4.2%	5.7%	3.8%	2.3%	4.9%	4.7%
Pay is too low	11.1%	13.9%	9.9%	10.1%	10.1%	12.5%
Lack of transportation	0.8%	1.0%	1.9%	1.6%	4.9%	2.0%
Not interested in any jobs that are available	6.9%	9.4%	7.4%	7.8%	13.8%	10.6%
Don't feel welcome in parks	0.4%	0.2%	0.3%	0.4%	2.2%	0.7%
Don't want to work outside	0.8%	1.0%	0.3%	0.2%	2.0%	1.2%
Not looking for a summer job	75.6%	68.9%	77.5%	77.8%	64.4%	71.5%
Other	0.2%	0.2%	0.2%	0.6%	0.0%	0.2%

EXCLUDING "NOT SURE" RESPONSES**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q24-1. Manage stormwater to protect water quality & reduce flooding

Very important	75.5%	87.1%	84.6%	88.3%	88.0%	87.5%
Somewhat important	21.5%	12.0%	14.7%	10.7%	10.1%	12.0%
Not important	3.0%	0.8%	0.7%	1.0%	2.0%	0.5%

Q24-2. Deliver nature, education, & recreation programs that welcome everyone

Very important	62.6%	68.8%	69.5%	70.3%	74.1%	72.8%
Somewhat important	34.6%	27.7%	27.7%	27.1%	21.7%	25.3%
Not important	2.8%	3.4%	2.8%	2.5%	4.3%	1.8%

EXCLUDING "NOT SURE" RESPONSES**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q24-3. Reduce waste by recycling & composting

Very important	68.1%	76.4%	78.1%	80.6%	79.2%	79.2%
Somewhat important	27.9%	21.7%	19.9%	18.2%	19.4%	18.4%
Not important	4.0%	1.9%	2.0%	1.3%	1.4%	2.3%

Q24-4. Maintain roads, parking lots, & other park infrastructure

Very important	77.3%	87.0%	81.5%	77.7%	84.0%	84.0%
Somewhat important	22.0%	12.6%	17.8%	21.0%	14.0%	16.0%
Not important	0.7%	0.4%	0.7%	1.2%	2.0%	0.0%

EXCLUDING "NOT SURE" RESPONSES**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q24-5. Plant trees for shade & cooling & to absorb carbon dioxide

Very important	74.5%	77.8%	80.6%	78.3%	82.3%	84.2%
Somewhat important	22.7%	20.1%	17.4%	19.2%	16.0%	14.8%
Not important	2.7%	2.1%	2.0%	2.5%	1.7%	1.0%

Q24-6. Renovate existing facilities to be carbon neutral & environmentally sustainable

Very important	40.5%	49.9%	49.6%	48.0%	63.0%	47.4%
Somewhat important	40.7%	36.2%	36.7%	39.7%	29.5%	39.6%
Not important	18.8%	13.9%	13.7%	12.4%	7.4%	13.0%

EXCLUDING "NOT SURE" RESPONSES**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q24-7. Make walking, biking, or transit connections with neighborhoods & other parks

Very important	56.9%	64.9%	59.9%	64.8%	67.8%	60.5%
Somewhat important	33.5%	30.2%	34.1%	29.4%	26.7%	33.3%
Not important	9.6%	4.9%	6.0%	5.9%	5.5%	6.1%

Q24-8. Manage invasive species & improve habitat for wildlife & connectivity

Very important	69.9%	76.4%	75.6%	71.6%	72.7%	77.9%
Somewhat important	28.1%	21.9%	23.0%	26.5%	24.7%	20.6%
Not important	2.0%	1.7%	1.5%	1.9%	2.6%	1.6%

EXCLUDING "NOT SURE" RESPONSES**Q24. Please rate the importance of the following sustainable themes. (without "not sure")**

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q24-9. Buy land for trails, open space, & environment

Very important	57.3%	59.4%	61.2%	60.3%	54.4%	61.3%
Somewhat important	33.4%	32.5%	33.0%	32.6%	33.0%	32.7%
Not important	9.3%	8.1%	5.8%	7.1%	12.6%	6.0%

Q24-10. Identify unsustainable facilities & assets & remove from service

Very important	44.5%	51.1%	52.2%	43.7%	57.5%	47.7%
Somewhat important	45.2%	41.6%	41.7%	48.9%	34.5%	45.2%
Not important	10.3%	7.3%	6.2%	7.4%	8.0%	7.1%

SUM OF THE TOP THREE CHOICES

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community? (top 3)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q25. Top choice

Manage stormwater to protect water quality & reduce flooding	39.2%	53.0%	44.9%	45.9%	53.1%	53.1%
Deliver nature, education, & recreation programs that welcome everyone	25.1%	21.1%	23.7%	23.0%	22.0%	27.3%
Reduce waste by recycling & composting	27.6%	27.6%	25.2%	26.1%	30.1%	28.7%
Maintain roads, parking lots, & other park infrastructure	40.9%	41.1%	36.9%	34.6%	36.5%	38.8%
Plant trees for shade & cooling & to absorb carbon dioxide	28.4%	26.0%	28.8%	26.8%	20.5%	27.5%
Renovate existing facilities to be carbon neutral & environmentally sustainable	8.8%	11.0%	9.3%	11.7%	11.6%	10.6%

SUM OF THE TOP THREE CHOICES – CONTINUED

Q25. Which THREE of the items listed in Question 24 are MOST IMPORTANT in the community? (top 3)

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q25. Top choice (Cont.)

Make walking, biking, or transit connections with neighborhoods & other parks	30.3%	27.8%	28.5%	31.1%	22.0%	21.9%
Manage invasive species & improve habitat for wildlife & connectivity	21.1%	20.4%	21.3%	17.3%	9.4%	22.9%
Buy land for trails, open space, & environment	19.8%	14.5%	17.5%	22.2%	8.6%	17.7%
Identify unsustainable facilities & assets & remove from service	7.9%	9.4%	9.4%	10.9%	8.9%	8.4%
None chosen	11.7%	12.5%	12.9%	14.0%	21.7%	11.3%

EXCLUDING "NOT PROVIDED" RESPONSES

Q26. Since the beginning of the Pandemic (early 2020), how important have parks, trails, and open space been to improving mental health and physical health and fitness? (without "not provided")

N=2899

	Area					
	Livingston County	Macomb County	Oakland County	Washtenaw County	Wayne County (Outside of Detroit)	Detroit, MI (City)

Q26. How important have parks, trails, & open space been to improving mental health & physical health & fitness since beginning of Pandemic

Very important	75.1%	76.1%	78.0%	78.2%	72.7%	77.1%
Somewhat important	17.9%	19.5%	15.8%	14.9%	18.7%	17.7%
Not very important	4.4%	2.5%	4.2%	4.1%	5.0%	3.6%
Not at all important	2.6%	1.9%	2.0%	2.7%	3.6%	1.6%



2022 COMMUNITY NEEDS ASSESSMENT

Comments From Open-Ended Questions

Prepared By
ETC INSTITUTE
OLATHE, KANSAS

Presented To The
**HURON-CLINTON
METROPARKS**
OF BRIGHTON, MICHIGAN

APRIL 2022



Open-ended Questions

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Q3— “Other”: Parks and facilities that are operated by Huron-Clinton Metroparks are listed below. Please CHECK ALL the parks and facilities that you and other members of your household have visited during the past year.

- Addison Oaks
- All the disc golf courses
- Bald Mountain
- Beach
- Belle Isle (x22 mentions)
- Bilal Park in Detroit
- Blossom Heath Park
- Boat launch
- Boat launches / boating areas
- Brandenburg Park, William Park, and Mary Burke Park
- Clinton River and Lake St. Clair for fishing
- Disc golf courses
- Disc golf courses
- Disc golf courses and fishing opportunity
- Dog park daily!
- Eliza Howell Park
- Equestrian trails and group campground
- Gallup Park Ann Arbor
- Highland Recreation Center
- Highland State recreation
- Huron Meadows XC skiing at Buck’s Run
- Independence Oaks
- Inwood Hiking Trails
- Kensington Cross country
- Lake Erie Marina
- Lake St. Clair Par 3
- Lake St. Clair golf course
- LEMP Marina on Lee Road
- Loud Creek
- Mayberry
- Metro Beach
- Metro Beach
- Metro Beach
- Metro Beach
- Metropark
- Metropark
- Metropark at 16 mile in Macomb Co.
And Belle Isle



- Metropark, Brandenburg Park, and New Baltimore
- Mountain Bike Trails at Stony Creek and the paved trails at Indian Springs and Kensington
- Proud Lake Recreation Area
- Red Oaks Water Park
- Rochester
- Rolling Hills Park for doggy swim day, we go every year.
- Rotary Park in Livonia and Belle Isle in Detroit. Also state parks nearby.
- Sharon mills
- Stony Creek cross country skiing
- Stony Creek Mountain bike course
- The bike trails at Kensington Metropark are a favorite.
- Thelma Spencer
- Walking paths at lower Huron
- Walking trails
- Willow Disc Golf Course

- Horse & ATV/motorcycle/snowmobiles in lower Michigan verses having to drive up to middle /upper UP for motorized trails
- I am always open to new facilities and activities; our family has a use for large open areas for cross-country skiing and children's education. Also, outdoor classes would be a not needed but a very welcome addition.
- I am new to mountain biking, and although Oakland County has a lot of great trails, more would be better!
- I don't really need any of these.
- I love to take my dogs hiking on state land and just let them play. I would love to have an open field away from traffic near my residence
- It would be nice if there were a dog park in a couple of the parks.
- Love the farm at Kensington
- A skate park
- Food choices, ice cream, coffee shop
- More lodges/club houses for weddings, showers, meetings
- Long range rifle ranges (600 to 1000 meters)
- More dog-friendly nature trails (leash required).
- More paths for walking and running
- Natural forest and meadow habitat for wildlife that people do not go into.
- Nature center youth activities and educational activities. Interactive activities and wildlife training for all.
- Need quality places to hunt nearby
- Not a parks person
- Off-leash dog parks.
- Old growth forest like Stony Creek.
- Open fields, sitting along rivers
- Paved biking trails
- Paved hiking trails.
- Paved hiking. No bikes
- Paved paths for skating
- Perhaps a community garden
- Physically challenged paths & facilities
- Pickleball, peloton bike banks, kite areas
- Pickleball and shuffleboard courts
- Pickleball courts
- Pickleball courts
- Pickleball courts
- Pits to grill food, Belle Isle needs much more pits and picnic benches. Also, beautify the new walk trail and add seating to rest along the trail but at least 6 ft from the trail. Belle Isle is not under your listing, but I think you are assisting with the West River walk and they certainly need beautification and a Detroit Police/State Police Security Station and free parking.
- Places to purchase food (like the restaurant at Kensington Metroparks)
- Quality groomed trails for skate skiing
- RC boat pond for remote control boats and RC sail boating
- RC boating pond
- Restrooms/ changing Rooms
- Road biking
- Road biking trails and provisions
- Running dogs
- Scuba sites
- Shooting range
- Shooting range
- Seating by a lake shore or other attractive location
- Skateboarding
- Sledding, tobogganing
- Snowshoeing trails
- Snowshoeing trails
- Soccer fields
- Soccer nets or area, more tennis courts, skateboarding ramps or course, more water parks and slides.
- Sunset viewing spot

- Spaces for special needs adults to sit or move around with assistance
- Trails – cross-country skiing
- Trails - paved bike only (speeds above 10pm) or bike lanes at least 4 feet wide on existing park roads.
- Trails for horses only
- Trails for snow shoeing and/or cross-country skiing - don't have to be groomed
- Trails I can take my dog on
- Walkways along water
- Water trails
- Wheelchair/mobility impaired trails, not just for young people but for elderly. The world of humans is growing older. We need places to sit and rest as we walk. Places to feel safe, with handrails. Picnic tables that wheelchairs can roll up to and under for comfortable eating. Paved trails. At beaches, paved trails to get as close to the water as possible with benches and tables and railings, not stuck far back by the parking lots. Elderly and impaired persons would like

to join other members of their families at beaches or for fishing.

- Signs wherever birds are sited/reported (e-birds)
- Wilderness areas, much larger for animals and plants that require space.
- Wildlife viewing
- Would like to see nearby regularly scheduled, age 55+ weekly, no-registration, outdoor Tai-Chi, Yoga, and/or Pilates classes throughout the summer on the grass. A wonderful healthy way to get to know others. Most every event in parks/rec and other public facilities cater to children, young adults, and their parents.
- Would love a locked storage for stand-up paddleboards and kayaks to keep a privately owned item at Stony near a launch site for a small fee!
- X-C skiing
- You need a RC boating pond for people that are in RC boating

- The river
- My family is primarily hunters and frequently hunt DNR land around Washtenaw County for rabbits, squirrels, deer, and waterfowl. The DNR lands have had greatly increased use in the past 25+ years by non-hunters during the 6-month hunting seasons. Non-hunters have gotten upset with us for hunting where they have chosen to recreate and often going out of their way to be noisy and illegally interfere with our legal hunting. I look to the Metroparks to offer non-hunters alternative locations for their recreations. I don't mind sharing the woods with non-hunters, but those not willing to share the woods quietly and respectfully with hunters need to recreate in Metroparks instead of DNR recreation areas and game lands.
- Natural areas in parks with nature trails without manicured areas. Any necessary directional posts along trails could be numbered with a map provided like at Huron Meadows.
- Naturalist classes, tree and plant educational walks, foraging classes
- Nature hikes, tours
- Nature/walking programs for elderly
- Off-road biking
- ORV trails.
- Outdoor swim lessons at the lake
- Paddle boarding
- Pet saltwater swimming pool or lake and dog activity park
- Physical fitness programs
- Pickleball
- Pickleball- beginners and intermediate. Need lessons at dedicated times.
- Programs for older people. I can't hike as far or as fast as I could when I was younger, and I want nature/wildlife programming that is shorter, quieter, and slower. The fact that so far none of this survey includes questions about activities for seniors is indicative of how little you are thinking about services for this group.
- Programs for seniors
- Public pools
- Quality hunting lands, access to lakes for fishing
- Rest areas for bikers and/or motorcycle riders
- Senior free access to parks. Chess, pool tables, card tables, and even arcade games to get older folks out of the house.
- Sports facilities, like outdoor basketball courts. We use those the most at Lower Huron Metropark and wish there were more facilities at all the Metroparks.
- Summer outdoor Tai-Chi, Yoga, Pilates
- Swimming Team (not lessons). A competitive swim team for children to join.
- There is not a dog park you can rent out. Not all dogs are friendly with other dogs but still need exercise. My dog is reactive and it is hard to find places that are true nature paths that are not heavily traveled. I don't want to hear people screaming in the woods. I want to hear nature (birds singing, frogs croaking, and water flowing in a river).
- Virtual programs that can include concerts, wildlife and birding experts, guided canoe tours and boat tours for all of us who cannot walk. Any pet program always draws lots of people.
- Walking paths

- Walking trails and riding trails
- We use the paved trail and road system for biking.
- Yoga
- Your survey continues to mention bike trails but never mentions horse trails. Michigan has an enormous horse population and equestrian trail riding organizations. Kensington has limited camping for equestrian trail riders and their horses. Indian Springs has no accommodations. Always overlooked.

Q13— “Other”: Please CHECK ALL the reasons that prevent you or other members of your household from using parks and facilities operated by Huron-Clinton Metroparks more often.

- Always hear about activities too close to the date so can't make plans or they're already booked up or don't hear about them until after the fact
- As far as I know, there are no programs offered.
- Availability of someone to go with me. I used to visit Kensington a lot by myself but as a senior the drive to get there is more daunting. The pandemic hasn't helped.
- Bathrooms need to be opened more
- Beaches are not pet-friendly; my dog loves the water, but I can't take him with me.
- Beaches are often dirty, lack of action from officers to control people attending parks and not following rules
- Beach and water closed due to sewage and E. Coli.
- Camping is always filled way too far in advance
- Cannot bring dogs on unpaved trails
- Changing needs, family getting older, etc.
- Closest Metropark has a problem with mosquitos and biting flies in the summer.
- Cost to get a permit for each car is too expensive. Would recommend some type of discount for multiple cars in the same family.
- COVID 19 (**x40 mentions**)
- Crowded
- Crowds
- Disc golf maintenance
- Distance
- Distance - Location of Indian Springs or Kensington Metropark is more than 25 miles from my home
- Distance from home/ travel time.
- Dog couldn't go on nature trail



- Dogs are off leash, even when you have a sign. If you ask them to put their dog on leash, they get angry and show you a gun. It didn't happen at your park but in Brighton Rec it did. A need for an area to exercise dogs that are reactive is in desperately needed.
- During COVID many walkers & bike riders made no attempt to social distance & I'm health compromised.
- During the past 18 months, I have suffered a severe health crisis that prevents me from most physical activities and/or venturing any appreciable distance from my home.
- For safety purposes, some activities require more than one person to do them. I would do them more often if I knew of a group going out at the same time. I feel for safety and to prevent accidents, safety in numbers is important--especially being a female. I love kayaking and biking.

- Because of the current lockdown of the past 2 years, now going on three, I do not feel safe and feel very isolated and must view life.
- Geese need to be controlled, droppings everywhere. So sad to be overrun. They are ruining this most beautiful park.
- Had a bad experience doing business with Metroparks - they acted without integrity or in the interest of the taxpayer. They failed to properly bid the market or take advantage of cost-saving measures because of political interest rather than best practice. This taints my interest in using or supporting the parks. Integrity is everything and the parks acted without integrity in my deals - and as a tax payor and local citizen - it's been hard for me to support the parks in any way.
- Justin - 810.986.5227"
- Hard to get to the park on my bike. We must drive on the main roads.
- Have been disabled for 4 years, but just got a hip replacement. Looking forward to getting back on the trails!
- Have not gone to the parks in part because of the COVID pandemic, just started doing other things but plan on going more this year. I used to use them much more in the past
- Have not felt like going out to the parks and little/no spare time
- Have several vehicles and would prefer a person/family pass to use no matter which vehicle we use. Too expensive to get passes for each vehicle
- Health
- Health
- Health
- Health
- Health issues - sleep disorder
- Health issues this past year and Covid (I've had it twice & I'm vaccinated-but immunosuppressed).
- Helmet use should be a personal choice
- Honestly, I just don't want to have to drive there to walk by myself, so I walk in my neighborhood.
- I'm a caregiver and can't get to the parks to utilize them like I want to do. I love the parks.
- I don't go to the parks often because I don't want to go alone.
- I don't want to wear a mask, at all.
- I enjoy Huron-Metroparks but they are far from my home so I don't get to use them as much as I would like.
- I generally visit the State of Michigan park system.
- I have been without a vehicle since September of 2021.
- I have moved to East Lansing and don't get back to Washtenaw County very often.
- I have stage 4 cancer and can't walk very far now.
- I haven't been out because of the Covid19 epidemic. I am a high-risk person and I take care of my mom's health; she too is a high-risk patient.
- I just had knee surgery, so I've been immobile for the past year or so (injury in January 2021).
- I live in Ypsilanti, close to Ann Arbor, and am pretty well-off, so I'm able to take advantage of their programs and spaces. They're very convenient.
- I live within walking distance of River Rouge Park & Hines Dr. Park.

- I never hear about any programs or tours or anything. Just people picnic or go canoeing, never heard of anything else. I do know of the fireworks, but it is always too full.
- I personally have not gone to Kensington since the albino buck was killed during the deer cull. I previously ALWAYS bought an annual pass and visited the park OFTEN. Seeing deer was one of my favorite things about going to Kensington.
- I rarely visit parks because I have severe allergies. I realize that MI has some beautiful parks. I walk in shopping malls when the opportunity arises.
- I walk my dog in my neighborhood which has fields, so I don't take the time to drive to Hudson Mills.
- I was a former Metroparks seasonal employee and was treated poorly. It made me not want to support Metroparks even though I had been buying an annual pass for many years before that.
- I would like to be able to walk my dog on more of the nature trails. I understand needing to preserve the nature trails, but I prefer to walk my dog on unpacked surfaces and allow him to explore more nature than the bike paths allow.
- I'd like to walk on the trail by Dodge Park or Nelson Park but there are no benches to sit and rest on. I'm 74 and I need to sit a bit on my walk.
- I'd like some more connected nature areas. I feel a bit more diversity/options would be nice.
- If gas prices inflation keep rising won't be able to go to any parks
- If I was aware of some of the groups that regularly visit the parks, I would be inclined to join in and use them more. They are great resources and assets.
- I'm disabled and I'm not sure what is available that I may be able to do.
- Interested in adult programs offered during the day- nature walks, golf lessons, concerts, and programs.
- Island Queen was not running during Covid, and they had problems with it before Covid.
- It seems the park maintenance and upkeep of the parks has declined over the past few years with lack of staff in the parks. Seems like the focus has been on increasing staff at your main office in Brighton, not in the parks where we visit.
- I've been dealing with a back injury; otherwise, my answers regarding usage would be different.
- Just got out of the habit of going. If saw some advertising or mentioning of activities or programs on the news it would help.
- Just personal time management- doing other hobbies at home
- Knee replacement
- Lack of hunting opportunities
- Lack of hunting opportunities
- Lack of ice and snow removal on walking trails
- Lack of open restroom facilities
- Lack of time; inclement weather when there is time
- Lack of trail connectivity between where we live and park.
- Lack of winter maintenance of B2B trail in Dexter Huron
- Laziness on my part.
- Live on a lake and trailer boat elsewhere
- Long drive to get to parks, I live in Detroit.
- Medical issues

- Metroparks are a bit of a drive from where I live
- More mountain bike trails would make us visit more often
- Moved last summer, took up most of our time. Used the golf course.
- My availability
- My disabilities limit my ability to go anywhere
- My health
- My horse is boarded near Indian Springs Metropark. I have no idea how to get there, where the equestrian trails are. Need a good website with maps.
- Nature center closed due to covid, hope it reopens one day
- Need high benches and higher picnic tables to sit on, I've had 27 surgeries.
- Call me if you like! Gordon A Willenborg 313-670-0752. I have taught swimming for almost fifty years for the Boys Scouts and 3 years in Germany when I was in the army from 1973 to 1975. I taught swimming to the German and American youth and their families. Then I taught for the Boy Scouts. I have now been teaching in the Detroit area since 1976. If you would like to speak with me, please feel free to call anytime!
- Need more camping areas and more golf courses.
- Need more outhouses or restrooms open, most women won't use outhouses--especially my wife.
- Need to advertise
- Need to be pet friendly
- Needs a RC boat pond with benches around the pond
- New to area
- Not easy to bike to them safely. Putting bikes on rack is not always convenient.
- No swimming beach, don't like pools
- No time
- No transportation
- Not aware of facilities.
- Not enough restrooms open or available.
- Not remote enough
- Often crowded
- On busy days there is a wait to have your park pass scanned upon entry. Please discontinue this.
- Only two parks I've been to have marked mountain bike trails, Stony and Riverbend.
- Open facility bathrooms and drinking fountains
- Parking at nature center at Kensington gets overcrowded.
- Parks are not very clean & manicured. Not enough shelters.
- Parks are parks. I hunt. Metroparks are not hunting areas, which is okay, but makes Metroparks less important to me. The Metroparks are important because they allow of lot of people to experience a sort of sanitized, Disney-like outdoors. Metroparks aren't wild areas and shouldn't be because most people aren't interested in wild areas. They prefer "outdoors lite" and the Metroparks system delivers that very well.
- Parks are too far away for quick visits

- Parks have been excessively loaded with visitors since Covid so even finding a parking spot has become tough, not exactly a nature walk when you are part of a herd with kids running around, etc.
- Paved paths are not always smooth for skating, our primary activity.
- Paved trails not finished near me (yet!). Looking forward to the next phases of the b2b trail!!!
- Physical disability
- Physical issue
- Physical limitations
- Poor health this past year
- Poor snow removal on trails
- Previously had little time to check out what was offered or participate.
- Use private city park instead
- Programs need to be advertised in more locations.
- Recovering from injury which has limited my mobility
- Restrooms are not available or closed seasonally or for Covid.
- Ridiculous legal demands (should be NONE) on GLAAC astronomy clubs. Responsible astronomy club members should be WELCOMED to volunteer without INDEMNIFYING the parks and should be allowed to observe the night sky after hours, as we once were allowed.
- Right now, my schedule is simply too overwhelming
- Roadways through parks have potholes and uneven pavement. Roads in need of repair. Please consider the cost of the annual park fees, we have 4 vehicles in our household that have to purchase annual passes.
- RV spaces too small
- Should be extreme discounts for seniors who would enjoy use but find it too costly.
- Classes of interest to active seniors...perhaps free or extremely low cost, feel it is prejudiced against older adults who live nearby and wish to visit facilities often. We have paid taxes for years and deserve more than a small reduced annual rate.
- Sites with similar programs are closer to my house and many don't have an entrance fee
- Small fish populations in your lake. No wake limit is too restrictive, especially in a large lake like Kent Lake.
- Some parks are too crowded
- Some trails are only available to humans but not dogs.
- Would want someone to go with me who is interested in the same activities. Plus, Covid for the past 2 years.
- The cost of gas and the time it takes to get there.
- The entry lines backing up at gate from lack of staff, people buying passes, having to scan every pass. Would like a separate line for people that have an annual pass so we can drive in and not contribute to entry line back up, especially for big events.
- The Governor's lockdowns in this restricted COVID world have affected my desire to leave my house.
- The line to get into Stony Creek Metropark is sometimes unbelievably long. I have an annual pass and when customers are purchasing day passes, they hold up the line for 30 minutes or more at times. I really wish there was a card reader system or a "speed lane" for people to use

to avoid this congestion. It happens in the summer the most but has also happened to me in the Fall, Spring, and Winter seasons. Even when all 3 booths are open this can be a problem.

- The pandemic drastically changed our routine
- The parks listed are too far away. I go to Bloomer Park, Rosie's, or MH Nature Center.
- The restrooms are always closed, and the killing of the deer has made this our last year of purchasing permits for all 4 of our vehicles.
- There is a wonderful trail at Huron Meadows that is badly maintained. Portions of boardwalk have been in disrepair and/or under water for years.
- They need to clean up the down trees to make it safer.
- Too many weeds in the lake and restrooms need to be more than outhouses where I like to fish.
- Toilet facilities closed. Are we supposed to use the woods? How does it make any sense to keep the parks open but not the toilets?
- Too crowded on weekends.
- Too crowded, bicycle riders are being rude and dangerous.
- Too far away
- Too far away from home
- Too far away from home
- Too far from my community.
- Traffic congestion getting into park
- Trails are not always properly marked. I have a fear of hiking alone and getting lost.
- The trails we are most interested in forbid dogs.
- Turtle cove is always full
- Unlike state parks, Metroparks are very restrictive e.g., can't swim unless lifeguard present during specific hours while state rec areas (not day use areas) are available all hours. We can xc ski or trail ride in the dark. Metroparks have very limited MTB trails. Annual passes are very expensive, adds insult after paying bunch of property taxes for Metroparks. Please learn from the state park and rec system...much more value for the money. In last 20 yrs., I've only bought a Metropark pass maybe 4 times. I'm not a supporter of Metroparks because of the cost and restrictions.
- Use state and city parks more often
- Used Stony Creek when grandchildren lived in the area. They moved away in July 2020. Haven't felt the need to visit since.
- Used to walk dog and we both loved it. He died and it isn't as enjoyable. Going to get another!
- Very busy family, parks are about 25 minutes from us.
- Visit state parks more often
- Wait to get into park is over 30 minutes.
- Walk a lot but use rail trails
- Walking paths are too crowded, very often with excessive bike traffic making it challenging to walk.
- We are more inclined to go to the free parks in Sterling Heights due to how close they are from our house. Traffic and distance are deterrents for visiting the Metroparks more frequently.
- We go to state parks, too much time restraint sometimes.

- We have lived out of the country for 12 years and just returned in June. We have not had a lot of opportunities to go to the park. We plan to use the parks during this year.
- We have trails close by outside the park system.
- We live closest to Huron Meadows and frankly, there's not a lot to do there. You could start by fixing that.
- We sometimes won't go because our dogs are not safe from people who let their dogs run loose. It's very unfair on well-used trails, our dogs are friendly too but we don't let them run up to other dogs who might be fearful in that context. It's always repeat users who think the park is their private haven. Also, high amounts of poison ivy around trails.
- We use Independence Lake and have no need to buy a second pass.
- Weather
- Weather
- Weather
- We're not always physically able to enjoy the parks as much as we'd like.
- Wife had back problems past year
- Wish we had more time, wish it were closer. Both my issue, not yours.
- Work too much
- Work-travel
- Worried about PFA in lake
- Would like smoother paved trails so in-line skating would be better
- Year-round available bathrooms
- You don't have a mountain bike trail at Kensington Metropark so I don't go there for this activity which is disappointing as the terrain would be great for it.
- You need a RC boating pond about three feet deep and plenty of room to walk around it with benches so people can stop and watch them. It's a great hobby to get into
- You used to be able to follow specific parks on social media to find out events of interest, but now it is all the Metroparks. Please bring back individual park pages for events!

Q14— “Other”: Since 1942, Southeast Michigan residents have supported the Metroparks with funding levied through a property tax. Please indicate how supportive you are for each of the following renovations.

- Allow hunting opportunities
- Alternate ways to depopulate the deer
- An all-natural habitat that has access to walking hiking trails.
- Any family activities
- Any program that promotes outdoor activity in our metropolis. What about snowshoe and cross-country skiing for winter?
- Any programs for retirees or seniors.
- Any type of green spaces with paved or unpaved bike/walking trails with varying degrees of difficulty to serve the disabled to hard-core fitness enthusiasts. I have an electric bike that basically serves as a 2 wheeled wheelchair for my outdoor exploits!
- Areas to just look and drive around the park
- As a parent of young children, I appreciate having food available at the parks.
- As a power wheelchair user, I would be most in support of improving the physical accessibility of the parks and its programs. Guided, adaptive activities would be incredible.
- Astronomy classes, disabled programming, etc.
- Baseball fields
- Better access
- Bike rentals
- Camping cabins with electricity
- Classes offered
- Cleaning people
- Continue to build and improve mountain bike trails! Love it and all my friends and family do too!
- Dog parks
- Dog parks



- Cross-country ski grooming and rental snow makers
- Cross-country ski rentals.
- Cross-country skiing
- Cross-country skiing
- Development of Nordic groomed trails, rentals, and snowmaking (essential considering climate change).
- Disc golf
- Disc golf
- Disc golf
- Disc golf
- Disc golf courses
- Diverse art and crafts programming
- Dog beaches, horse facilities open to public and private options. Ability to ride horses in parks with public horse rentals.
- Dog friendly water access beach. Floating dock scary to non-water breeds while beach access is friendlier.
- Dog parks and beaches
- Dog parks with walking paths

- Dog ponds
- Dog related activities
- Dog sections
- Dog-friendly trails.
- Educational programs mentioned earlier
- Entertainment
- Equestrian trails
- Equestrian trails
- Equestrian trails designated horses only
- Establishing a new park -- perhaps away from highways and highway noise!
- Even if it is not something I would use, if it will encourage people to get out and into our parks, I'm in. If there are accommodations that need to be made for those who have disabilities, I support that as well.
- Expanding wilderness areas and creating more Metroparks. It would be nice to have one in Detroit proper.
- Fitness/workout station trails. Fit trails.
- Float island on the water like at Bald mountain.
- Fully support nature based/passive recreation type park developments. Less supportive of water parks, etc. Would love to see better stormwater management practices- permeable pavement, green roofs, rain gardens, etc.
- Golf courses
- Golf courses
- Golf courses
- Golf courses
- Golf courses
- Golf courses
- Golf courses
- Golf courses
- Golf Lessons
- Groom more skate ski trails.
- Guided programs: Hiking tips and safety, kayaking & canoeing, water fitness (especially outside hours of

- recreation- I would personally love to swim or walk the lazy River before opening as a part of summer exercise workout)
- Gun ranges-- pistol and rifle. (1000 yards.)
 - Handicap accessible programming and trails
 - Handicapped accessibility
 - Having the Metroparks reach out to USA Swimming (or Michigan Swimming) to collaborate on developing an open-water swim facility. There is zero reason that our state championships for Open Water Swim should be held in Ohio.
 - Horse trails
 - Horse trails
 - Horse trails only
 - Horse trails that only horses are allowed on. Plus, place to tie up horses. Ground nesting bees are a big problem.
 - Horseback riding
 - Horseback riding in the form of guided trail rides. Meaning that we could pay a fee to ride a horse and not have to own one to bring to a park.
 - Horseback riding
 - Hunting access
 - Hunting opportunities
 - Hunting, camping, access to lakes to fish
 - Maintained and groomed cross-country trails
 - I am in support of any funding needed to make our parks better and more enjoyable for everyone.
 - I am supportive of any activity that gives people something to do that relates to getting in touch with nature, wildlife, farm life, and any other recreation that I may or may not have a current interest in. I always vote yes on tax money being spent on activities for the public.

- I am very supportive of maintaining access for ASI (sailing) at Kensington and Stony Creek Metroparks.
- I believe I referenced Belle Isle and West River Walk needing upgrades.
- I strongly support all park facilities, whether I personally use them or not. I don't use playgrounds, but I want kids to have them.
- I would like more access to closer parks.
- I'm not sure about when and where group activities take place near me. Understandably, Covid has limited many things the last 2 years. I did spend more time outside and at the parks doing activities like biking and kayaking. Since I didn't want to be limited on rental hours or length of kayaking, I purchased 2 kayaks and would go kayaking 2 to 3 times a week at lower Huron Metropark and I ended at Willow or Oakwood's Metropark. The launches are not bad. I would love to see improvements, but they are usable today. The support staff are wonderful and facilitates are great where they are open.
- Improve horse trails
- Improvement to equestrian areas
- It nice to see and receive benefits from tax money we must pay every year. It's time to become a community again not just people living in their homes and not interacting with their neighbors.
- Joining trails to bike longer distances
- Love Metroparks so my family would be supportive of any/all programs, facilities, etc.
- More diverse concerts and festivals
- More equestrian trails for horses and people only, no bikes!
- More long bike trails!
- More mountain biking trails please! They're also great for trail running and

hiking for those who don't want just a flat walk.

- More things for seniors
- More trash cans on trails
- More weekend festivals
- Mountain Bike access trails in Kensington and in Southern District Parks
- Mountain bike trail funding would be highly supported
- Mountain bike trails
- Mountain bike trails
- Mountain bike trails
- Mountain bike trails, mountain bike tech features (log rides, drops, pump tracks)
- Mountain bike trails, multi-use trails, fenced pet parks
- My family visits many different local and state operated sites. We love the outdoors and are thankful for these facilities. I am guessing that my tax dollars help fund these facilities; I'd like it if my taxes don't go up. We do love and respect the outdoors!
- Natural areas
- Natural running trails
- Nature trails!
- My situation is that I grew up in Oakland County and my family has always been supportive of the Metroparks. Voting in the positive for them, as did my older sister and her husband and family. I vote for the Metropark whenever possible on a ballot. I live in a mobile home park and taxes are paid differently than if I owned a home.
- Need higher benches for people with bad legs/knees/hips for walking
- Need smoother paved paths for handicapped

- Needs a RC boat pond for RC boating and RC sailing with shade trees and benches, miniature islands for navigations, little light houses, miniature boat docks and slips, and a paved path around the pond with signs that say RC boating only (no fishing, no wild birds allowed).
- Needs more programs to get people outside and moving
- New natural area acquisition and nature trails.
- I have no problem with fixing whatever may pop up immediately instead of dealing with broken stuff until there's enough money to fix it.
- Off-leash dog parks / fenced areas-- Orion Oaks is a perfect example.
- Off-leash Dog run area
- Pool
- Outreach and engagement programs for residents and underserved populations like inner city youth.
- Park personnel making sure the various aspects of the parks are used properly.
- Outdoor concerts could be nice.
- Parking lot maintenance
- Paved bike trails or wider bike lanes on paved roads
- Paved biking trails
- Pet-friendly
- Pet-friendly areas
- Pet-friendly programs
- Pet swimming pool or area and dog activity parks
- Pickleball courts/ cross-country skiing
- Pickleball and shuffleboard courts
- Pickleball courts
- Pickleball courts
- Places to take our dog with us.
- Practically anything that gets people outside and away from all the rectangles of the man-made environment.
- Programs for low income, disabled kids.
- Purchasing more property and expanding the parks would be my number one priority. Trees and forests keep us all alive, yet their territory decreases by the day. The single most important thing to me is to protect existing natural habitats and expand them wherever possible.
- Sailing programs
- Bicycling stuff
- Salaries for staff
- Senior areas to get 55+ people out of their homes for chess, cards, arcade games, and pool tables.
- Senior programs
- Shelter rental
- Shooting ranges
- Shooting ranges
- Ski rental facilities
- Something for pets/dogs
- Sports courts! Volleyball, basketball, pickleball
- Sports facilities like tennis courts
Storage for my kayak/paddle board!
- Swimming pools
- Swimming pools
- Sports programs or any other programs for kids with disabilities. Example: Could never put my child in sports because he was always behind his peers and struggled to learn as quickly. Having basketball, baseball, ANYTHING that these kids could be involved in would be great. Could be co-ed. Maybe some programs in cooperation with special Olympics? Would give children and families a sense of normalcy in a part of their lives. These families' days are filled with therapies and IEP meetings telling them their kids don't fit in. A physical activity that they could

participate in WITH other kids would be good for the body and the spirit.

- Stop Michigan from dumping sewage into Metropark Lake St. Clair and closing the beach all summer. The beach is also nasty with seaweed.
- Trails that are paved in such a way that accounts for flood and drainage issues, paired with other trail extensions, exercise stops, and learning activities to keep the whole family engaged.
- Water trails
- We are huge supporters of the Metroparks. You do a great job, and we would support most anything you do :)
- We don't pay taxes, we live in a modular home park, we are on a fixed income so we need low/no cost things to do.

- We need more equine trails that are not shared with bicycles
- Web sites for information, registration
- Whatever helps make the parks more enjoyable for everybody.
- Whatever needs are they can be partially supported by residents' taxation along with entry fees, state and local funding, etc.
- Winter trail grooming
- Would like to see and partner in the development of responsive smartphone accessible natural and cultural historical materials that people can listen to like podcasts as they walk or run or bike through the Metroparks about the history of the area.
- X-C skiing

Q16=="Other": Please CHECK ALL the ways you learn about Huron-Clinton Metroparks facilities, programs, and services.

- Accidentally
- Accidentally driving by.
- All Trails app
- Ann Arbor observer
- At the park
- Audubon
- Been going to Metroparks for as long as I remember. If I had to pay the daily fees, I wouldn't use them very often. Senior annual makes it affordable.
- By going to them
- By visiting park weekly
- Community groups, schools, environmental organizations
- Community meetings
- Cross-country meets through school
- Digital sign displaying activities as I pass the park entrance
- Director Jim Pershing
- Drive by
- Driving around
- Driving through town and seeing them
- Facebook
- Fiancé
- From riding the 275 metro trail to hook up with these wonderful parks
- Going to parks where my parents took me as a kid. Not much change in many years. So very familiar with the trails and beaches. Now I take my niece.
- Google Maps
- Grew up going to Lake St Clair Metropark.
- Grew up on the east side of Detroit in the 60's and 70's. My family didn't go to Metro Beach or Stony Creek, but we knew about them.
- Have known about the Huron Clinton Metro Authority Park system all of my life, mostly via word of mouth
- Hear about the parks from friends



- I am a teacher and I get information to my school mail
- I have a Metroparks map from the late 1980s. It is ratty, but still helpful.
- I have to kind of go out of my way to find info- I don't see ads or mailers or get things from school (YCS).
- I hold myself responsible, I am capturing some of this questioner to increase my awareness. I buy at least one or more passes every year. Anytime that I can, I will find the nearest park and appreciate nature.
- I use them all the time
- I worked at HCMA for 10 years and have been going to Kensington Park my whole life
- If I see something posted
- Infinite Multisport Tri-Club
- Information shared on community radio, tv programs, or news broadcasts.
- Invited to parties for kids or grandkids
- Just by going on my own

- Just growing up in the area we always knew that Stony Creek and Metro Beach were the two larger parks in the area. In my teens, with friends, we found the smaller local parks.
- Library
- Library
- Library
- Live within one mile of Hudson Mills.
- Lived near 3 my whole life
- Living in Livingston County for 45 years
- Local government
- Main source: rest stops along I-94
- Maps
- Metropark booths/presentations at convention centers, community events, etc.
- Mountain Biking association
- My husband's girlfriend keeps me informed of all things related to the parks
- Neighbor's friends
- Nordic ski racer website
- On the phone
- Only when I go to the website.
- Paper handouts from Marshlands Museum (L.E.M.P.).
- Past visits
- Past visits
- Previous knowledge
- Public library
- Renew tag
- School field trips
- Send info to emails
- You should do text message blasts! More people read text messages than they do email.
- Social media is great, except if I don't interact often enough, I don't see updates.
- Text messages
- Text messages
- This survey
- This survey
- This survey
- Through my use
- Travels
- Used to go to Kensington for farming, the bike path, wagon rides, maple syrup, hand-feeding birds, family events when kids were younger. Have gone to a splash pad with grandkids and wave pool when kids were younger. No need now as I live on a lake, family has a pool, and any boating is elsewhere on/near Great Lakes.
- Used to work there, at Kensington Metropark.
- Visit to park
- When I visit
- Word of mouth
- Word of mouth
- Word of mouth
- Your website is confusing to navigate especially for individual park information. Current conditions are hard to find that's why I didn't check it.

Q18b—“Other”: What type of swimming do you or members of your household participate in?

- I been teaching swimming as water safety instructor
- Kayaking
- Scuba and snorkeling.
- Splash pads
- Splash pads

Q19—"Other": Listed below are various aquatic features. For each one, please indicate whether you think it is strongly needed, somewhat needed, or not needed in the community.

- Drop sloped walk-in entry for people with disabilities.
- A pond area for radio-controlled model boats
- A year-round indoor pool would be awesome and would be crowded, I'm sure. Would need a big pool!
- A combination outdoor/ indoor swimming pool with lounging area around pool. A shaded area would be a must, one that's shaded no matter the time of day.
- Access and programming for natural water features.
- Adult-only activity times
- Adult-only warm water leisure pool for water exercise, physical therapy, and swim.
- Area to train scuba divers
- Areas to wade in to relax
- Accessibility ramp for people who are in wheelchairs or have difficulty walking and can't do stairs.
- Beach for swimming
- Beaches and natural lake and river area for swimming
- Dog beach
- Dog pool
- Dog swimming in pool (salt water) or a lake area for dogs, and dog activity park.
- End of season dog swim
- Golf lessons
- I would love to see a small dog splash pad for leashed dogs, or even a small fenced in area for off-leash. It wouldn't have to be more than 12x12 foot. I think it would be incredibly awesome to be able to take my dog for a walk in the summer when it's warm and then after let him cool off in a little fountain. I understand it would be hard to monitor/maintain, but I would bring my dog everyday if I knew we could cool down in warm weather easier.
- Indoor pools for use during the winter.
- Lake swimming with lifeguard (for my children)
- Lakes without motorboats where swimmers can use the entire lake safely. Swim areas are currently too small. I like to swim long distances in lakes without fearing for my life.
- Need lap pool deep water to teach classes from beginner to lifeguard training. Should train waterfront lifeguards.
- Open water swim site with facilities to operate competition.
- ORV riding trails.
- Pools without chlorine additives
- Public showers
- Quality hunting lands and shore/ boat access to fish more of Michigan's endless lakes. Lakes should never be private, unless very small lake/pond.
- RC boating pond
- Scuba diving options.
- Seasonal membership to public pool access for daily recreation, other than the wave pool. Maybe also include tennis courts, pickleball courts, concessions, and grilling area.

- As a power wheelchair user, I am in great need of accessible aquatic features: ADA-accessible showers/lockers, pools with ramps and lifts, etc.
- Swimming beaches
- Swimming lessons-affordable
- The park needs a RC boat pond for remote-controlled boating with a walk-around sidewalk or trail with benches to sit on and some shade trees so people can watch and look at the new boats that the people in the hobby can show off.
- Water slides, outdoor pool
- We need more therapy pools, not too hot or cold. 98 degrees please!
- We really need a swimming area for this community and especially for the disabled and elderly!
- Would like to see an all-season family swim pass for outdoor swimming facilities. It cost \$25.00 to take my grandchildren swimming for an afternoon in addition to the annual car pass.

Q21—"Other": Would you be interested in any of the following summer jobs at Metroparks?

- Anything that pays 6 figures
- Assist at Children's Farm at Kensington as I'm a teacher who grew up on a farm
- Building repair and renovating
- Campgrounds
- Contract work for unpaved trail walks. This would be in conjunction with my business of Take-a-Hike Adventures LLC
- Education
- Environmental Health and Safety Coordinator
- Equestrian program- trainer
- Farm Center
- Customer Service Clerk: phones, computer data input, filing, etc.
- Part Time!!
- Volunteer
- Food truck owner offering treats.
- Gardening for seasons
- Ground keeper
- Guide/educator
- I would love a full-time job at a Metropark. I need more of a sitting job. I am good with paperwork, service-oriented, on phones, and with the public. I love people.
- If the pay/hours made sense, yes. I worked at the Stony Creek Metropark Golf Course and my partner worked at Boat Rental. We have looked into summer employment at the park on numerous occasions (I'm a teacher and have summers off.) The pay is nowhere near where it should be.
- Imprinted shirts and caps
- Indoor administrative.
- Info center maybe, giving directions, handing out band aids, manning a call service for emergencies.
- Marketing, public outreach
- Media creation.
- Nature and outdoor programs
- Nature center
- Nature center
- Nature museum worker
- Office
- Office work
- Office, clerical.
- Park ranger
- Park ranger (part-time)
- Park ranger supervisor
- Park ranger, nature center
- Public shower supervisor
- Seasonal winter jobs
- Swim attendants
- Swim coach
- Teach programs
- Teaching classes or organizing classes for adults, children, 4-H or scout groups. Studying the history of the area and the environmental issues which are indigenous to it.
- Volunteer
- Whatever fits my abilities
- Work with animals

Q23—"Other": Please CHECK ALL the reasons that would prevent you from working at a summer job at Metroparks.

- Anxiety -people interaction
- Aqua Pilates or stretching classes mainly for elderly. However, I am no longer certified. I'm 79 but able-bodied in water. Pay is not as important as warm pool use.
- Caring for elderly parent. Part-time work would be best for me.
- Cost of gas is too high to drive
- Will be out of state for 7 weeks.
- Would only be interested in a contractor role
- Young kids at home

- Healthy food at food stops
- Improved sustainability and letting others know.
- African Americans had better be represented in jobs other than maintenance and be respected as guests.
- No smoking/drinking
- After paying for parks for over 60 years, we should get a senior pass.
- All in all, I think the parks that I visit are being executed in great fashion. Stony Creek and Kensington have a lot of signs to direct. Sometimes too much, but that is great for new people visiting. The bike trails have had major remodeling and lets bikers know the skill level. They are definitely needed as I have actually hurt myself on one of the obstacles, but I knew the risks. I buy the annual pass and come all the time despite the longer drives. I also buy it to support the park and help to keep it thriving and encourage others to buy the annual pass. I try to convince them they can meet up and drive me one day. Keep up the good work.
- All parks need highly visible & well-trained park rangers with uniforms... on foot or riding bicycle... not just driving around the park.
- All the restroom facilities need attention all the time.
- Allow access for nighttime fishing in parks
- Allow deer hunting in some of the parks. It could be only certain days of the week during hunting season or something like that. And maybe one bow/crossbow hunting day.
- Allowing more than 1 fishing tournament per week at sites where you restrict them.
- Almost need days you're allowed to go; I was disappointed with the overwhelming amount of park goers after knowing what trails were quiet and not likely to be noisy wrecking the nature experience.
- Along with the pandemic came an epidemic of firearm ownership. We need a way to teach/influence practical and safe practices. IDPA, IPSC and 3-gun are sports that promote that. Even just free instruction and practice would be helpful
- Always felt Metroparks didn't welcome Detroiters
- Always give yearly pass for Christmas present
- Amy McMillian deserves a 100% raise in pay
- An app- so we can set preferences and get notifications about programs and park features or search for info easily.
- Annual pass fees are too expensive now. They have doubled in the last few years and compared to state parks (\$11 a year) I can't justify buying a Metropark pass.
- Applying salt to the paved trails near the Huron River in winter is irresponsible. It causes salinization of the river. If people cannot wear Yak Trax or some other product to prevent slipping, they should do their winter fitness walks in the mall.
- As someone who has lived within 10 minutes of Lower Huron Metropark, I have noticed over the years less maintenance as far as picking up trash, mowing the grass, trimming, and road repair slipping greatly. I now prefer Willow Metro, its better maintained and cleaner. Visibly more appealing to visit and people seem more friendly there.
- Assure staff for all job positions are personable, professional, knowledgeable, and safety conscious given current Covid pandemic and safety concerns.

- At Kensington Metropark, you are grossly negligent in filling over ten mudholes in the nature trail just west of steps from parking lot in 500 yards leading west before large trees. Complained but no results from your management. Fire your leadership who are negligent.
- At my age I like having access to restrooms in the parks year-round.
- At my age I'm not very athletic. But sitting in parks and walking in parks helps keep me healthy and happy. Thank you for all you do.
- At Stony creek boat launch it is sometimes difficult to find a parking space for truck and boat trailer due to the volume of bikers and trail users. Maybe need several reserved spots for truck and trailer that have signage. You have a few long spaces but little vehicles park there. I think to be closer to bathroom. So many bikers, joggers, and walkers make it difficult to launch a boat and park.
- Back when I was growing up, we could go to parks at any time of the day or year. Now they are limited, and you need car window stickers. Pay for parking too. What a shame the budget gets smaller with every official that's been elected consecutive each year! It's the first place the budget gets cut! As well as our rest areas. Shameful to see all the bird droppings on the beaches and grasses at the parks. Fleas due to droppings! It's just not the same anymore as it was 30 years ago.
- Bathrooms are either scarce or very dirty which doesn't make it pleasant to stay for long periods of time.
- More opportunities for kids to volunteer
- Bathrooms need to be open when the park is open. Stony Creek Nature Center bathrooms are closed in the morning until the Nature Center opens. Bike lanes need to be wider (at least 4 feet) for rider safety and on all paved roads in the park. The road to Stony Creek Nature Center needs bike lanes.
- Be frugal with your funding so that many areas can be improved while also not dumping money into one project. Also, find other ways to make money like possible restaurants or other recreational opportunities. I am lucky to live close to Stony Creek so that I can bike there every day but connecting trails would boost my likelihood to visit other parks. Also, I care a lot about conservation of natural areas. I don't really care if a facility is "carbon neutral" and think that is a waste of money if a facility already exists.
- Beaches like Metro and Parks like Stony Creek and Delhi are important. Leave expensive to build and operate facilities like splash pads, whirlpools, hot tubs, and interpretative centers to the private sector. You can do a lot of educating under a canopy or in a pole barn with folding chairs and wood fires for heat in winter. We do at our sportsman club.
- Being able to reserve an area for groups is important. And it's best that reserved areas are not far from a bathroom.
- Being informed about events and facilities available would increase participation in parks and programs.
- Better bike trails
- Better communication please
- Better disc golf course maintenance, advancement at Hudson Mills. Combined DG and Park annual Pass
- Better funds management and reasonable park fees
- Better lighting would be a big help

- Better marketing with specific benefits would be ideal, happy to help my company does photography and video production. www.michvp.com
- Better means of communicating workshops and programs.
- Bicycling should not be allowed on hiking trails. There are enough wooded biking trails in southeast Michigan available to those who want to bike in the woods. Also, would like to keep hiking trails as primitive as possible with limited signposts.
- Bike lanes on the paved road.
- Drivers are incredibly rude and do not give the necessary space. Since it is a park road, drivers need to learn to be more accommodating to cyclists. Several close calls and aggressively rude driver encounters make biking dangerous at worst and less than enjoyable at best.
- Bike trail connectivity between parks!
- Bike trails sometimes too crowded on weekend
- Biking is a healthy year around activity, great for recreation and transportation. To me, golfing is a major polluting sport. Cycling is good for the environment.
- Biking only hour in morning and evening
- Walking/running only hour in morning and evening
- Black people do not feel welcome in Oakland, Macomb, and other facilities.
- Boat dock reservations at lake St. Clair Metropark are stupid
- Bring back individual park social media! Would love to be able to QUICKLY find events at my local Metroparks!
- More canoe/kayak rental.
- Would like ability to search for events by interest for age groups.
- Ag is such a big industry in MI. Would like to see farm centers with more crops and greenhouses, showing how impactful this is.
- Bring back the park entry discount for the golf course use.
- Bring programs in the City equal to programs outside the city.
- Brochure with maps of parks in Washtenaw county
- Build and maintain bike paths, please.
- Build even better programs and relations with disc golf.
- Build new Metroparks for the needs of today and tomorrow. Electric plug-in charging stations- more plug-in receptacles for Wi-Fi-laptops, phone, gaming
- Buy land and leave it alone! Not everything needs development
- Charge a very low fee and use that for upkeep. My family doesn't visit public parks anymore. The 2 main reasons we stopped were costs, and lack of poor maintenance/park upkeep.
- Charge more for season passes
- Cheap boat and dock rentals, more bathrooms in the fishing areas that are better than an outhouse, more parking for people with boats, and easier access to fishing areas and picnic sights. Clean the extra weeds out of the lakes, more concerts/ movies/ fireworks nights.
- Clean bathrooms
- Clean bathrooms
- Clean waters and beaches!
- Clean and well-lit bike/walking paths.
- Keep marshes and areas safe

- Clean for wildlife is very important!
- Cleaner and more restrooms.
- Cleanliness and safety are most desirable traits, closely followed by experiencing and education about nature.
- Clear sign as to where our e-bikes are welcome. Make e-bike seniors feel more welcome. Possibly post speed limit signs for all to abide by. It is very confusing as to where we can ride our bikes. Maybe a clear sign at the beginning of the trails stating if e-bikes are welcome or not. We love biking and could not continue biking without our e-bikes. Most people with e-bikes are seniors that need the extra help to be able to continue to ride. Thank you.
- Combine State Park and Metropark annual passes on Driver License Renewal.
- Common park sticker please, passport should get you into everything.
- Complete the B2B!
- Concerned about business management and dishonest dealings of the administration focused on politics vs best practice and integrity
- Concerned about safety when attending anything at the parks. News of unruly groups with weapons. Rude people who encroach on our space and talk rudely like we are in their way when we arrived first.
- Congratulations on your management and maintenance of our Metroparks. They are a valued Southeast Michigan treasure!
- Connect existing trails. Restrooms and waste containers need to be accessible. You give us poop bags, but not many places to dispose of them.
- Consult with Leslie Park Golf course to help improve maintenance of Huron-Clinton Metropark golf courses
- Continue to maintain the trails thru Kensington. Clean up the weeds that grow.
- Control the Canadian Geese population. Way too much feces everywhere
- Correct the flooding at the Willow Golf course if not already done.
- Cost-effective entry fees more in line with State parks
- Cost was supposed to be 0 to those taxpayers that were paying by mileage.
- County wide trail system that connects parks should be a high priority.
- Create green spaces - leave natural
- Connecting more parks by trails.
- DEI programs have no place in our park system. I will vote against all funding if these racist policies are in place.
- Designate some parks for horses only. Do not mix horses & bicycles on the same trails, so incredibly dangerous.
- Detroit needs safe walkways and kids play parks even at a cost tax/year fee
- Detroit east side is unsafe, unkept, road is terrible, lots of killing shooting, theft, robbery etc. We need assistance. I own a home in Detroit, and I don't feel safe here.
- Difficult for seniors to pay the high cost into park. We are on a fixed income.
- Disability facilities/adaptive sports fields.
- Disc golf courses, tournaments, lessons
- Distribute Metroparks brochure to Detroit
- Do not like sharing horse trails with bikes. Very dangerous for all involved

- Do not raise taxes, seniors free admission, more boat launches
- Do some selective lumbering to create new growth forest for wildlife
- Do veterans get discounts on programs or offered any other discounts regarding window sticker passes. Are there any programs targeted towards veterans?
- Dog areas and programs. If dog owners know of something they come from all over and participate. Should include access for service dogs and people with disabilities. If you have concerts and programs, please put them on the internet so people who cannot go can at least learn something. I'd love a virtual program featuring a bird, wildlife expert, or botanist go through a hike explaining everything. I'd watch that.
- Dog poop bags in more locations and water/pop machines
- Don't tax seniors and then charge an additional fee to use parks. Double taxation.
- Due to age, health, and covid we only go to grocery stores and the doctor. I'm not a helpful one to answer many questions or to offer suggestions on improvements when I haven't been there.
- During these last couple years, my neighborhood Metropark has been invaluable. I have appreciated the opportunity to safely walk and run at the park. It also provides a great opportunity for playground/nature when my grandchildren visit. Thank you Metropark employees/police for providing us these opportunities!
- Eastern Washtenaw County is undeserved by Metroparks. Ypsi city (Rutherford pool) and Township make up part of the shortfall but only part.
- Educate the people who ride bikes and enforce bike riding rules regarding roads. Many bicyclists travel in packs riding 2-3 wide on roads causing driving concerns.
- Employees should be treated and paid better, especially in very hot summer shifts
- Environmental programs are more complicated than suggested here. A broader systemic focus would do better than merely recycling. In terms of infrastructure, for instance, generally the least impactful facilities are those that do not require rebuilding.
- Even though I have not specifically used the Huron Clinton Metroparks recently. I am a big supporter of public parks
- Example itineraries to use the facilities would be a good selling point
- Restroom cleanliness is key
- Summer pools are needed
- Do-it-yourself itineraries are helpful when you don't supply the equipment
- Expand B to B trails
- Extremely disappointed that the ability to purchase a gift card has been eliminated. This will affect our use of the parks.
- Figure out how to protect the trails and picnic areas from ticks
- Find a better way to let us know what is going on. Maybe connect to county websites
- Fitness programs
- Fix roads to last longer. Maintain outdoor parks for safety
- Flyers of upcoming events.
- Focus on completion of B2B trail. We need safer bicycling routes.
- For the cost, we find the state parks offer the best option for our family.
- Frankly, though the parks are important, our roads are in such horrible shape-- they need to be invested in first

- Free entrance days and times
- Free pass to seniors
- From my experience there is a lack of marketing. It's difficult for me to remember that I can go to a Metropark unless I have a specific activity in mind, like biking or kayaking. It would be nice to have a list/ schedule of programs to plan from. The other issue is that the closest Metropark is about 40 minutes away. We typically default to closer trails that are only 20 minutes away like the Dodge Park Group (Dodge, Clinton River, Rivers Bend).
- Fund your programs by charging fees for those who use them instead of stealing from me through property taxes.
- Generally doing a good job. Keep it up!
- Get Stony under control, I use to go there, but not anymore.
- Get the word out about your parks
- Gift passes would be nice.
- Give Paul Cypher and Kevin (I can't remember Kevin's last name, sorry) a raise. They are both doing outstanding jobs and represent the Metroparks well. Everyone else that I have dealt with over the last few years is doing great jobs too (no, they didn't pay me to say that, nor are they even aware that I did).
- Good maintenance and cleanliness and never stop improving
- Good, qualified, knowledgeable, friendly staff and well-maintained safe facilities. An equestrian program and pet- friendly events & facilities. Info about the facilities and what they offer. I am NOT concerned about spending money on WOKE politically correct policies and education.
- Great job with everything you do please raise your fees to pay for the continued work to keep the parks so nice I would also sponsor a family who would like to use the parks but cannot afford the annual pass
- Great survey. Would love to see more trails and connecting trails. I am thankful that the Metropark land was set aside for parks long ago. I hope to see future generations enjoying the parks as much as I have!
- Great uses of resources. Very important
- Green areas around developments that connect into other green areas around other developments to provide pathways and habitat space for wildlife.
- Green space is important.
- Have a pride event. Maybe a pride hike. That would be fun!!!
- Have a trail for walkers only! Bikers have not been very considerate letting walkers that they are coming up behind them.
- Have better marking directions on the trails in Stony Creek.
- Have schools bus kids to various locations for exercise to introduce them to these locations.
- Have separate entrances for golf courses that avoids the entrance for general population.
- Have used parks a lot during pandemic
- Having a space for special needs adult to have interaction without the stigma of being looked at funny. A place they can be comfortable and ask questions.
- Hear most complaints about entry fees-then get charged for usage as well
- Highlight the location of walking trails on signs inside park. Post maps on turnouts along roads in parks.

- Hilarious that you're asking about summer jobs. I've known two individuals that have been hired by the Metroparks. Both had bachelor's degrees, one had a masters. Rather than give them full-time work and hire them, after a year or so of the part-time work they both moved on to greener pastures. And for what? Save like 50k collectively between both people a year? So, you lose employees with good knowledge and rehire, train, rinse, and repeat. I'm all for diversity, inclusion, whatever...but your management is clueless when it comes to retention and actual cost of turnover.
- Honestly, I'd love to see more "nature". Walking and hiking trails, wooded areas, etc.
- I love Wolcott Mill the most just for its trails. As it is the most "away from civilization" I can get without losing half the day to driving.
- How fast can you make these changes?
- I absolutely love visiting the parks, but because the Metroparks are 20 minutes away from me, I do need to make a concerted effort to go. I got a free pass last year through my work (shoutout to the lovely Detroit Riverfront Conservancy). I visited a lot during the summer, but I live in Taylor, and we have several parks here so sometimes I do prefer to go to Taylor (8 min drive) especially bringing my dog. Taylor is building a new park (Lange) and I was surprised they were not making it a Metropark. I do not know a ton about this, but it would be great if a Metropark was in Taylor or downriver closer to Taylor. I do totally support the park system, being a past DRFC Team Member, and love visiting and exploring the new parks once the weather warms up.
- I am a kayaker; Stony Creek has the best ramp of all the parks. The parks need to upgrade the ramps.
- I am always impressed by how well Kensington Metropark is run. Even throughout the pandemic, they kept things going. The restrooms are clean and the staff at the main office are always friendly and helpful. Additionally, the Nature Center always has something new to offer. I have brought friends and my grandchildren many times to visit.
- I am in favor of selling all parks to private owners to do with them as they wish. It eliminates their cost and raises taxes for other purposes like repairing roads
- I am not qualified
- I am very pleased with the Metropark system. I will support it in anything that I can!
- I appreciate that you want to improve the parks for visitors, but I would appreciate if you would use the money and resources, you currently have and not ask for any more taxes to cover anything you are getting feedback on.
- I could do so much more in our Metroparks if there was more access for disabled people. I use a walker, but there is no way to enter a swimming pool unless I can hold on with both hands. I don't know of a Metropark near me that has paved trails.
- I did not know the parks had activities. I will look into this.
- I didn't see an "other" option under trail activities, but I also enjoy running on unpaved trails way more than walking/hiking.
- I didn't see any mention of a program to identify trees, bushes, and invasive plants.
- I don't have enough info to be able to comment
- I don't go there because it's too far. Gas prices are too high to drive long distances. Entrance fees are unaffordable. Nothing much for seniors like free concerts.
- I enjoy them
- I enjoy walking on trails with my dog

- I feel that the Metropark system is extremely important to maintaining mental and physical health. Lake St. Clair Metropark in the past has experienced a problem with the water quality in the beach area which has prevented me from using that park. In 2021 Kensington Metropark experienced an algae bloom in Kent Lake that made using the water areas of the park not appealing, so I only went to the park once during that summer. I am more than 45 minutes away from both parks, and current gas prices will prevent increased use this year.
- I feel there is a lack of advertising of Metroparks and what they have to offer. I learned a lot from the questionnaire about various parks in southeast Michigan.
- I feel they do a great job. Probably the most courteous operation run by the government. They offer many helpful programs to different age groups. I have never been disappointed.
- I have a full care daughter!!! We need bathroom accessible with privacy to change her! More special needs swings.
- I have also lived in Oakland and Washtenaw counties
- I have enjoyed the Metroparks since I was a child. I've spent many happy hours growing up and with my own children at the nature centers, trails, beaches, and playgrounds.
- I have purchased a \$29 sticker for my SUV. I have an RV and 4 additional vehicles in my household... when I use my vehicle to pull my boat or if I'm not available, my 3 other family members must pay to get access to your park. It is too expensive to buy a sticker for all our vehicles! We end up not using the park as much as we'd like to.
- I use state DNR boat launches and parks much more because I can get a state vehicle pass for \$12 per vehicle...your \$29 annual is too much!
- I have used the Metroparks for my children, grandchildren & myself for decades. You do an incredible job & offer unrivaled facilities & opportunities. Thank you!!!
- I honestly would just like swimming lessons available.
- I just wish residents were made more aware of the programs offered at the parks.
- I like it when there are not too many people on the trails at once and prefer zero bikes on the trails. I'd like the no bikes policy enforced where it is a no bike area. They ruin the trails and the feeling of peace hikers have in the woods.
- I like Kensington Park and used to rent paddle boats but don't know if any improvements. About 3 years ago I went to picnic area and no complaints, bathroom was decent and nearby.
- I like the new option of accumulating daily passes to get an annual pass. It is very helpful for homes on a tight budget.
- Please be sure to include swim lessons for adults too!
- I like what I see, I enjoy the Metroparks.
- I live in Manchester and feel that this corner of the county is greatly underserved.
- I love Metroparks, more rustic hiking away from noise is one of the reasons I enjoy the Metropark.
- I love our Metroparks and have been a frequent visitor who purchases an annual pass every year so my family members, friends, and myself to go enjoy the facilities. Lake St. Clair is our most visited park since it is the closest. We also visit Stony Creek a lot and on occasion Kensington. Love them all!
- I love our park systems. It's one of the best assets we have. Keep up the good work! And THANK YOU!!

- I love our parks
- I love sitting by the river. Do not add too many distracting activities. We need peace and quiet. Thanks for being there for my family all those years.
- I love Sterling State Park I think it is a perfect example of a well-maintained park with wonderful hiking trail. I also love Lower Huron wooded areas, so beautiful and earth maintaining!
- I love the dog parks. Add some play structures for the dogs.
- I love the Metroparks. We purchase an annual pass each year and we love visiting. I have attended some of the owl programs. We love walking our dogs in the paved trails. It's about a 30-minute drive from our house and we typically visit on the weekend but it's a nice break from walking in the neighborhood or Hines park.
- I love the Metropark trails and count on them for me and my family. Want to help volunteer if needed.
- I love the Metroparks and would welcome one that is closer to my home in Howell.
- I LOVE the Metroparks!
- I love the Metroparks! I live in Pinckney and am thankful to have a park nearby... but when I look at Detroit... a Metropark would be a wonderful thing for the families there! I'm not wealthy, but I'd donate to help fund a Detroit Metropark!
- I love the parks!
- I love visiting the parks. I am an advocate for outside education and recreation. I still coach Swimming. I love water activities. Our immediate family is made up of 5 children, spouses, and grandchildren.
- I love you all for providing numerous of parks in Michigan so keep up the great works towards expansion.
- I never receive any information regarding programs and park features.
- I often use a municipal recreation center and State parks. Have visited Metroparks in the past and am very supportive. Kensington is the Metropark most often visited, once about every 4 years. My opinion is to maintain existing parks and better advertise the existing parks. I/we plan to visit more parks in the future.
- I rarely use Metroparks because I am very close to Brighton Recreation area and use that daily for hiking/mountain biking.
- I really enjoy the Metropark system and would like to get more use out of it, especially for winter sports. I don't have any training or experience in that area but would like to learn.
- I ride a high-speed tricycle nearly daily three seasons of the year. The trails that are there in the Metroparks need to be maintained better.
- I ride my bike at Rolling Hills often.
- I see a need for the park system to engage local municipalities to increase connectivity for a trail/biking/boating system.
- I SO appreciate that restrooms are available in the winter.
- I started using the parks this past year and I'm so impressed and thankful for all the work and space that has been provided.
- I think developing and promoting events and programs to seniors would be a good suggestion. Going to senior facilities, senior centers, somehow reaching out to this often-missed age group that I think was a very lonely one during pandemic.

- I think it should have transportation for elderly & disabled people.
- I think Metroparks are wonderful and should continue to be supported even if I do not use them a lot. I like the South Higgins Lake state park a lot
- I think offering recycling bins next to every trash can would be a great addition. Also, more wildlife education and maintaining/fixing what is already in place takes precedence over adding new.
- I think some of the larger parks (such as Hudson Mills) could benefit from a couple more bathrooms/facilities. The park is high-use, and I often walk the paved loop, often with young children, and it would be very helpful if there was a least one outhouse along the trail. (There is one about 2/3 through, a bit off from the trail.) Often, we have to turn around because of that. I also feel like I should mention that although I was born in Detroit and am not inexperienced in terms of dangerous situations, many times I feel I will have to turn around when walking by myself, once I get to the more remote area of the path. But I don't know what could really be done about that because there aren't roads at that part for the security to patrol. It worries me after a woman was attacked there a few years ago. I also frequent Delhi, but the lack of trails there is a little underwhelming- it kind of just feels like a pretty parking lot with picnic tables. But perhaps there is nothing to do about that either. It's nice that the Border2Border trail was developed along the river. One final suggestion is that I know my family and extended family would participate in leisure or educational events very often if we knew they were offered or were expanded. To my knowledge, they are displayed on the roadside sign which I pass daily, but it would be great to have more classes/ events in general and be notified via mail or e-mail. Thank you! I love the Metroparks.
- I think the Lake St. Clair Metropark is a beautiful asset to the county and state. When purchasing a home being close to the Metropark was a major consideration. Keep up the good work!
- I think the Metroparks are an unbelievable asset. They have great programs, a natural up north environment within less than an hour from major urban centers. Transportation must be a barrier for many people. This is my guess. Affordability is no doubt an issue for many as well.
- I think they are well managed and very desirable
- I trail ride, so there's never enough horse only trails
- I wish Lake St. Clair beach was not polluted. In Grosse Pointe Pier Park they have "bubblers" in the beach to keep the water circulating and the water seems clean.
- I would encourage access for canoe/kayak vendors like Heavner's. This is a great way to experience the Huron River in our area.
- I would like better communication on what programs/events are available. Maybe a calendar.
- I would like it is we didn't have to purchase a pass for each vehicle we own.
- I would like more options for winter activities like indoor swimming, nature and art programs, more ski trails.
- I would like to see children be able to swim and have swim meets like I did as a kid. Swimming pools were indoor and outdoor.
- I would like to see handicapped kayak/ canoe launches at Kensington.
- I would like to see more commitment to the disc golf courses. The amount of people who play has increased dramatically in the last 3 years and the courses are getting very crowded. We need more courses and at least some longer more challenging courses too.
- I would like to see more improvements and activities at Belle Isle Park.

- I would like to see more natural areas around Clinton Township. I love nature and we need to preserve it.
- I would like to see one of the booths at the park entrance be designated for those with annual passes - at least on weekends and holidays. I think it would make the line to enter move much more quickly. High traffic times make for a very long wait which can be frustrating. Love the additions to the beach area last summer!
- I would like to see programs for low-income families in Clinto Twp area.
- I would like to see the addition of ramps for enabling handicapped kayakers to access the river and lake in Kensington. Also please improve kayak launch sites in Kensington.
- I would love more earlier bedtime-friendly concert/movie night options. I would also love to see more focus on interconnected trails like they have in Macomb and Oakland County in Wayne.
- I would love to receive by mail, a small paperback booklet of all the programs, times, and prices available for the Metroparks close to me. Also include registration information so people can sign up for the programs they want to join in. Don't forget to include the free and/or walk in programs available too. These booklets could cover each county and the parks in those counties. Then send the booklets to everyone in those counties. For instance, Brighton Community Education sends us a booklet of all the programs available through their schools, so I am using that booklet as a sample of the booklet I'm asking you to create. Thanks for taking the time to read my responses. Carol M.
- I would love to see a section of beach where dogs are allowed. If I stay on the grassy area with him, I am not able to go to the water since I would have to leave him unattended.
- I would love to see an outdoor swimming pool at a Metropark.
- I would really like a park that's more centrally located in Livingston County. Kensington is 45 minutes or more from our house. We live by Fowlerville.
- I would swim and use pool facilities; however, I cannot due to the use of chlorine. For some asthmatics, chlorine causes an asthma attack--which is what it does to me, so I am unable to use any pool in this area.
- I'd like a fitness loop that does not go through trees. I want good visibility for safety reasons. The nature trails are great, but I do not feel safe on them. I want an open track/loop to walk and jog on. Trees are great, plant them in picnic areas etc., but I'd like a place to safely walk.
- I'd like more regular information about available programs.
- I'd live to work part time from home if there are any positions available. :)
- I'm in marketing and an Eagle Scout. Owned a restaurant for 30 years. May find I could be of assistance in several areas.
- I'm interested in golf lessons, and golf tournaments for a hobby. I don't hear about any of those things to explore across all your Metroparks.
- If there were more canoe/kayak launch sites, it may be also worthwhile to look into shuttle services between start and end points. That's always a tricky thing. Online sign-ups for a limited number of passengers on specific days only. It could be done in a reasonably manageable way (versus anyone needed a shuttle ride whenever they want to). A secure way for kayakers, for example, to drop off and lock kayaks at launch site, drive one's own car to the end site, then get a pre-arranged shuttle back to launch site. There could be a fee for it, or maybe with an annual pass that is included or discounted, or there's an annual pass for metro-park users with kayaks. Lots of ways to have this service provided.

- I'm a psychotherapist who has been grateful for the parks for my clients' mental health. Loved to visit when younger-now too busy.
- Improve grooming of trails for cross country skiing at Indian Springs.
- Improve racial bias training for all staff
- Improve trails in areas close to parks so people can access them without car travel
- Improve website and social media presence to know more about what the parks offer
- Improve your outreach to advertise your upcoming events.
- In a perfect world everyone would have access to parks. But I recognize the expense and unrealistic expectations prevent that! It's harder for me to walk these days, but not right to demand equal access via golf carts on paved paths for all. That would defeat the purpose of getting into nature-making it less enjoyable for most for a few to enjoy. Family used to live on the other side of Kensington-I enjoyed cutting through and seeing what I could.
- In general, the facilities are excellent as is the staff. I'm not within in easy walking distance to any, but three Metroparks lie within easy driving distance and several unaffiliated nature areas are very close. I've lived in 4 states, and none approach what's available within Washtenaw and neighboring counties.
- Include senior dances using disc jockeys
- Inclusion of more dark-sky areas
- Inclusiveness
- Increase info sharing on resources and events
- Increase paths that connect park to parks
- Information on programs sent to my email. We would participate a lot more often when events occur. Music in the park is fun.
- Information, so many people forget that your facilities exist.
- Invaluable asset
- Involvement with schools to educate future generations on the importance of environmental stewardship and preservation of natural spaces.
- It would be amazing if you had the beach wheelchairs for people to rent and the wheelchairs that can be used on the unpaved nature trails.
- It would be nice if any of my tax dollars in the city of Detroit contributed to parks that are accessible to the city of Detroit instead of all 40 miles/minutes outside the city
- It would be nice if you used pet-friendly ice melt instead of salt, so we could walk our dog too.
- It would be nice to have more paved trails to easily reach the parks. We would like to walk or ride to the park with kids.
- It would be nice to have more water exercise classes
- It would be nice to have some community events during the winter at the parks.
- It would be nice to receive an annual parks book that has what they offer with pictures because most of the time we don't know what and where the parks offer or location. Also, autism-friendly days at the nature center, farms, and water parks/slides would be amazing!
- Just continue what you're doing it has been working so far.
- Just do the upgrades to give the current generation a new outlook on life and get them out of the house again
- Just more quiet trails or a dog park that you can rent privately.

- Just wanted to compliment the staff of Lake Eerie Metropark. They do a great job maintaining the park and are friendly. Pickleball courts/ warm swimming pool would be a great addition along with cross-country skiing facilities for winter
- Keep bathrooms maintained, it is terrible when they run out of toilet paper or are closed.
- Keep costs down as much as possible
- Keep doing what you do.
- Keep drug dealers, sex solicitors, and trafficking out of the parks. Offer beverage, ice, and beer sales. Consider offering affordable hotel space near concert, golf, and boat/marina facilities.
- Keep Hudson Mills Golf Course.
- Keep maintaining the property and if they do go green in facilities, that would be a good idea as long as it saves money in the long run, no maintenance.
- Keep restrooms open all year, well maintained & well supplied.
- Keep the bathrooms clean and accessible. Check them for yellow jackets and remove their nests inside the bathrooms and near the doors.
- Keep the park police in view and in contact with public. I love Lake St. Clair with its wide-open grounds, concerts, and clean/well-kept restrooms.
- Keep the parks looking like NATURAL parks. Let people go for the tranquility and to respect nature. Parks do not need man made dedications, statues, social statements, or brightly colored objects. Only man-made restrooms, water fountains, pathways, bridges, parking, and docks.
- Keep them open and maintained.
- Keep up good work.
- Keep up the good work in reducing the amount of lawn and allowing natural regrowth, prescribed burns, etc. Promote growth of native vegetation and eradication of invasive species.
- Keep up the good work
- Keeping the paved walkways and trails clear from ice and snow in the winter is most important to our family. Grooming cross-country ski trails as soon as possible after adequate snowfall is important; sometimes the snow doesn't last as long as it used to (global warming).
- Kensington is my neighbor. Winter maintenance is outstanding except that there is little parking near the Milford Road entrance.
- Kensington NEEDS a mountain bike trail. It would greatly enhance the park.
- Kensington really needs to work on reducing drug usage at the park. The smell of marijuana and cigarettes while hiking or biking is disgusting. I wish the park system would be drug and smoke free. The trash in untrekked areas where people hide is sick. The picnic tables in the water are gross. Kensington is becoming dumpy with more people moving into the area and losing its charm and grace. People are abusing it. The animals are also becoming annoying because people feed them, you can't picnic without cranes harping at you and chipmunks running up your leg. I'm sad to see how bad Kensington is getting and I don't enjoy going during the day anymore with all the drug addicts sitting in isolated parking areas shooting up heroin or smoking weed. It doesn't feel safe. We need more patrol officers and more discipline for the park.
- Kensington roads, parking lots, and paved trails need maintenance
- Kensington's roads, parking lots, maintenance & cleanliness have really gone downhill
- Lake St. Clair Metropark needs to enforce speed limits. Speeding is awful in summer and unsafe. Also don't block boardwalk with piles of snow plowed near them.

- Lake St. Clair Metropark created a wonderful play scape within the last 10 years, all Metroparks should strive to have the same!
- Lazy river-the only one that matters
- I like that needs and wants are being reevaluated. Green spaces are very much appreciated
- I like your newer program of adding visit fees to apply to annual permit.
- Main reason for low visitation is distance. None are near us.
- Live the Metroparks, used them more when our kids were young
- Locate one closer to Dearborn.
- Love Hudson Mills
- Love Metroparks! Grew up going there since we moved to Michigan when I was 8 yo. First time learning to swim as a child was at Metropark. Lots of great memories!! Thank you
- Love Metroparks!
- Love our Metroparks, always have. Purchase annual permits every year.
- LOVE our Metroparks. Lots of dog walking happens there. It would be nice to have an off-leash enclosed space for the dogs to run around and play with other dogs.
- Love our Parks. Keep up the good work!
- Love our parks. Next year I would be interested in learning about working at the park.
- Love Stony Creek Metropark! It is so amazing to have this wonderful resource now and to so many terrific years!
- Love the new MTB trails at Stony!
- Love the horses
- Love the Metroparks
- Love the Metroparks! Keep up the good work.
- Love the nature trails
- Love the parks, and that they are accessible during all seasons.
- Love the parks.
- Love the parks.
- Love the parks.
- Love the parks. Senior annual passes should begin at age 55.
- Love the upgraded MTB trails at Stony
- Lower cost of entry
- Lower entry fees - post names of plants/trees w/info - provide educational materials - provide seating areas/benches - perhaps sale items
- Lower speed limits in parks and enforce people to do the speed limit in the parks.
- Lower the annual pass for seniors. It should be 20 or less.
- Lower the annual permit price
- Lower the cost of daily and annual passes so that lower income families can afford to use these parks. Make certain days of the month or year free. There are a lot of low-income families in southeast Michigan that cannot afford to pay to go to the parks.
- Lower/maintain current costs.
- Lucky to have many Metroparks and state parks nearby. Path connectivity between them would be great. Especially the path over 23 that avoids the Lee Road roundabout, so dangerous for bikers.

- Macomb County needs more access or a new park, especially northern Macomb County.
- Mailing seasonal flyers home would be the best way to put your programming on my radar. We really enjoyed Journey to the Sugarbush!
- Maintain bathrooms please
- Maintaining the mountain biking trails
- Make a dedicated platform for photographers so they do not obstruct bikers on the trail in North Kensington Metropark
- Make as affordable as you can. Keep current and stay creative. Make it inviting and welcome for all races and economic backgrounds.
- Make clarity on hours of operation. Trash pickup/more trash cans. Better bathroom maintenance.
- Make Detroit residents aware and make public transportation available.
- Make each park easy to leave so there will be less accidents in the evening as people may not be paying attention.
- Make information easy to find
- Make it clear what trail maintenance/ upgrades are permitted by volunteers / trail users. And make it clear how to report trail issues (downed trees).
- Make more available programs affordable. Also, programs for dogs.
- Make neighborhoods safer for walkers!
- Make obtaining a vehicle pass easier. Perhaps like is done for the State Parks when you renew your vehicle registration. Make the pass for one year from purchase not for the calendar year.
- Make parks known to people. Information
- Make parks senior-friendly
- Make process of entering the park easier. If I buy a pass, I should be able to directly drive in. The long lines should be people who have not paid a fee.
- Make residents more aware
- Make sure paved areas and parking are well-maintained
- Make sure restrooms are available and maintain
- Make the process easier to place geocaches at the parks.
- The annual pass has gotten to be expensive. Maybe think about lowering it back down a bit.
- Make the trail around Stony Creek wider to accommodate more activity. Totally discourage bikes from sharing the main road at Stony Creek. The bicyclists are very arrogant and not always respectful of vehicles. I've come too close too many times to hitting someone!
- Many Metroparks infrastructure (pavements, trails, facilities) need attention. Other initiatives (e.g., DEI program, recreational programming) are not needed and draw resources away from HCMA's core parks, open space, and natural areas mission.
- Many of the parks are in Downriver Communities. How about a concert in the parks series? Get our own Downriver Community Band to perform.
- Mask up
- Maybe don't build brand new administrative buildings while the quality of the parks lags.
- There is a terrible lack of programming at the Metroparks. I'm astounded when I travel to other states and see the extensive number of classes and programs offered by these other park systems.

- The increases in costs for admission is not acceptable. Find a way to make it more reasonable. Also looks bad when few improvements are being made. Doesn't make me feel good about the money I spend.
- Maybe some patches - or stickers - like a passport book you visit the different parks and get book stamped - can purchase stickers or patches for different events.
- Maybe you need to advertise so more people know about the parks.
- Metroparks have operated extremely well, and I am sure will continue to do so
- Metroparks are an important part of our community. I would use them much more if I felt safe.
- Metroparks are fantastic facilities. Please use millage to encourage motorless green activities. Personally, I'm sad to be required to drive 25 to 30 minutes to any of the parks I regularly use. Also ski rental at Hudson Mills should return.
- Metroparks are very important to our quality of life. We support them annually and encourage others to do the same. We love the paved bike trails. Sometimes the paved bike trails aren't maintained the best.
- Metroparks do not have any locations close to my home in Royal Oak. They are suburban parks for use by people who live in the outermost suburbs. There are no parks in the City of Detroit. The Metroparks operate numerous golf courses for use by affluent suburbanites. Their expenditures significantly outweigh their tax revenues and depend on revenue producing activities such as golf. Their administrative costs significantly contribute to their expenditures and have little to do with the actual operation and maintenance of the parks.
- Metroparks leadership (whether elected or appointed) needs to be open and welcoming to diverse and marginalized communities. Recreation is for everyone and should be open and welcoming to everyone, regardless of race, religion, sex, gender identity, disability, etc. Some Metropark leaders in Livingston County think that pushing out other leaders who advocate for welcoming Metroparks and then doubling down on veiled white supremacist attitudes and policies won't go unnoticed. But we do notice and do not like them representing what we, the taxpayers and Metropark supporters and users, believe and want the Metroparks to be: available and accessible to all.
- Metroparks needs to adapt and give community organizations a role/conduct programs within the Metropark system.
- More restrooms
- More access and programs for seniors
- More advertising of the facilities and programs. I'm not sure how to find information about the parks and I know I don't have a full understanding of the facilities and programs available.
- More bass stocking in lakes.
- More bike paths and public swimming pools would be amazing.
- More concerts and plays in the park would be great. Also guided bird/wildlife watching programs and guided hikes would be wonderful. Thank you.
- More cross-country ski trails please
- More disc golf courses
- More disc golf, less mosquitoes
- More diversity, signs in Spanish and other common languages that are spoken in Michigan.
- More dog-friendly areas

- More dog-friendly areas where dogs can be off leash
- More dog parks please! Especially in East English Village area. Grosse pointe and St. Clair shores do not allow Detroit residents, and driving downtown and paying to park is a hassle. My dogs deserve regular fun and activity, but I just don't have the time. Thank you!
- More external communications so we know what's going on with Metroparks.
- More fishing access to the Huron river through Metroparks. Small boat ramps with areas to park boats and trailers. This could also be used for canoe/ kayak launches. This is a real problem in the Washtenaw County parks! Motor restrictions I respect, but you can't legally park anywhere but the Metropark. Fishermen would like some access also.
- More fishing events and boating. I have never heard of the heated pool and exercise pools.
- More information and maps would be very helpful. I bought farmland near Indian Springs, educational programs for sustainable restorative farming would be greatly appreciated. You could rent plots out as well. Offer child-oriented farming too.
- More information sent out about locations and activities. I had never heard of most of the parks and don't even know where they are or what they offer.
- More kayaking opportunities
- More lighted winter walking areas.
- More love for Detroit!
- More mountain bike trail in lower Huron would be incredible, with the campground and water park it could be a desirable destination place for weekend trips
- More mountain bike trails.
- More park discount days/free days would be great.
- More Park Rangers
- More places to bring my dog to walk, and easier access to the Macomb Orchard Trail from my house so I don't have to put my bike in the car to get there. More sidewalks to ride in my area so I am not riding my bike in the road.
- More program for inner-city residents
- More recreational centers around Michigan with open pools need to be opened
- More rest areas on trails as well as restrooms. It is difficult with small children that are potty trained but can't go on long walks because there's not enough restrooms or rest areas with restrooms, benches, and trash cans. As a parent, I hate dragging a wagon or having a stroller when I'm already trying to wrangle a toddler and dog so they can get out the energy they need. Also, the price of a state park pass that can be purchased for ALL state parks is only 11 or 12 dollars. The prices for a Metropark pass have always been ridiculous and should be more reasonable. They don't give you special access to anything, just the park. All the programs, you're still paying out of pocket for. I would spend more time in Metroparks versus the state park 5 minutes from me if it wasn't so expensive. I would also spend more time there if it had a dog park located near a playground. That way both kids and animals can play in their own space and parents don't have to drive to multiple locations. The option to have a pass on your plate like a state pass would be helpful as well. Those stickers are impossible to remove from the windshield. I have many more ideas, but I know funding can only go so far.
- More senior programs

- More seniors would get out if it were more convenient. Hot tubs, pools for exercising, and easy sports would be nice.
- More shore fishing areas. More dog-friendly water access from beach, not dock.
- More signage and bag stations in picnic areas for cleaning up after dogs. A lot of owners bring their dogs to the park thinking that they don't have to clean up after them because they're in a natural area.
- More signs identifying trees and species.
- More social media presence so that residents know what's happening
- More sustainable parks in Detroit please
- More swimming access for disadvantaged people
- More trails, more properties with more trails for hiking
- More unpaved hiking trails.
- More water facilities would be wonderful! I take my grandkids to the parks all the time.
- More water pumps for hand washing
- More winter park activities.
- More x-country ski trails. Groom trails alongside paved connector trails such as the Hudson mills to Dexter trail.
- More, better, bike connections between parks (Metroparks and other parks and trails network)
- More recycling
- Mountain bike trails
- Moving from Oakland to Macomb County. Will be 1/2 mile from Stony Creek. Intend to spend lots of time there
- My biggest obstacle to utilizing Metroparks more is being ignorant about what is available—so more advertising or outreach might be helpful.
- My boyfriend and I take full advantage of the parks, nature centers, and disc golf courses in the royal oak-metro-Detroit area. Outdoor activities have become so popular-more options and space would be appreciated. Also, longer trails, walking paths in the royal oak area would be amazing, as we must drive elsewhere like Madison Heights, Franicun, Troy, or Oxford to do that. Thanks!
- My family doesn't utilize programs
- My family has 4 vehicles, and we all use the Metroparks year-round! My kids' teams also practice there regularly. But your annual pass stickers force us to 1.) Buy 4 passes at \$80 a piece OR 2.) Swap around vehicles and it hinders the ability to use the parks if someone else took the car with the sticker. I once had a rental when my vehicle was in the shop and had to buy a \$10 daily just to drop my son off at practice! For your loyal and high-use family customers, PLEASE consider revising your system to allow for family pass cards to enter and exit the parks!
- My family has 5 cars and an RV... we are greatly restricted from full use of your parks due to the \$29 annual fee per vehicle... we get full access to state facilities for \$12 per vehicle... wished you had a family/ household use passes available.
- My neighbors and I would be highly supportive of a new Metropark in the City of Detroit.
- My only comment is that the last few times I was at a Metropark, I noticed that the swing sets have changed. This is probably because of the overprotective environment of recent times, but it was disappointing! Some of my greatest childhood memories are of swinging on the "big"

swings at Delhi! Now there's only "baby" swings there, or anywhere now. It bums me out that my grandkids will never see the exhilaration of a good-sized swing set!

- My son loves disc golf and would love more courses and they are cheaper than swimming pools or golf courses or new nature centers or even playground equipment. Thanks.
- Nature first don't develop too much.
- Need better maintenance of bike trails leading into, out of, and within Lake St Clair Metropark. Currently the bike path does not have a smooth surface and the path is in disrepair. Resurfacing needs to be closely monitored for better long-term use.
- Need dog parks
- Need EV Charging capability
- Need more outdoor camping space. Rustic camping open all year if possible would be perfect.
- Need more publicity about local/regional options/facilities/programs directed especially to citizens who have paid MI recreational passport fee as they are interested and willing to pay the local entrance fees for this type of recreation. It seems hit or miss whether we are exposed to this local information.
- Need more soap in restroom
- Need more sports and facilities and activities in rural areas not just Brighton and East.
- Need more tree and plant programs, horticulture
- Need paper maps or signs at the parks showing layout, trails, parking, features.
- Need parks in Detroit area other than Belle and River Rouge.
- Need parks in the community of Detroit. Turn the vacant schools into a rec center, walking trail, indoor swimming pool, etc.
- Need public pools
- Need to be made aware of programs that are available
- Need to better communicate with SE Michigan residents
- Need to fix the drains (rouge) and help water flow into Detroit River. These are the #1, #2, #3 priorities.
- Offer a discounted family pass as opposed to paying \$40 for every car in the family or a discount for each additional car.
- Offer programs geared to toddlers and preschool age children that are held Monday - Friday between 9:00 am and 12:00 noon.
- On paved trails please put a dividing line. People should keep to the right.
- Open nature centers earlier than 1pm on certain days. The other days can be open for school trips.
- Open restrooms and turn water fountains on!
- Open the marina at Metro Beach
- Our family loves the Metroparks and all our local, county and state parks. The purchase and preservation of more land is important to protect our environment and water quality. That's number one to our family.
- Our parks are beautiful. Please continue the good work that you do to maintain them!!!
- Over all parks well-maintained.
- Overall pleased with the Metroparks in my area, no real issues.

- Overall, the Metropark system has always been excellent for my needs. Glad you are doing this survey to make sure your actions are consistent with what people want.
- Overall, the parks are well maintained. Would like to see paved trails connecting residential areas to the parks- cutting down on driving time. Also need more swimming opportunities!
- Park facilities should be within walking distance for Detroit City residents. More access to waterways in the City of Detroit.
- Parks are clean, trails look great.
- Parks are doing a great job. But as our population ages, need to think about more accessibility for older and/or handicapped.
- Parks are great -- wish we could integrate outdoors/physical activity more into daily lifestyle rather than making it a once-in-a-while thing.
- Parks that are open from dusk to dawn may require a greater presence of law enforcement personnel than would be required in daylight hours. Several parks have parking regulations or grilling regulations or ordinances that are simply way too strict, whether for daytime or nighttime.
- Pass to get into parks should be used for all parks, one set for all.
- Pave the parking lots. Most need maintenance badly. A bad parking lot makes the entire park feel like a dump and attracts negative energy.
- Paved bike trails and groomed cross-country trails and dog parks are what I would like more of.
- People that use should pay to use, not tax all.
- Pick up litter along exits from 696. Make business along Vandyn fix up their properties. Tear down old vacant business. Offer free paint to businesses. Fix fences that are down.
- Please add more wheelchair, ADA features, and pathways.
- Please clean up the Clinton River. It's a diamond in the rough, could be beautiful.
- Please consider autism programs, there is much need for these kids to have programs and activities that can work for them.
- Please consider making the walking paths a priority with snow shoveling, lights, and keeping them clean.
- Please continue to connect bike trails and work in maps /signage. Outdoor swim facilities would be AMAZING!
- Please continue to grow them
- Please continue to maintain them
- Please design a family season-long pool pass at the Lake St. Clair Metropark. It is just too expensive to take the grandchildren to swim daily. Willing to pay \$100.00 to \$125.00 for an all-season pass in addition to the yearly car pass.
- Please discontinue the scanning of park passes. No one likes it and it's not worth whatever data you are skimming.
- Please don't pave over natural places and promote respect for nature
- Please establish a replacement system for lost passes by DL number. It's ridiculous with technofix available that purchase verification and pass replacement isn't available!
- Please fix the roads
- Please fix trail at Huron Meadows

- Please focus back on the parks. Improve staffing levels. My current encounters with park staff are very positive but they seem frazzled and disenchanting. You have a great park system please keep priorities where they belong in the parks.
- Please improve the entrance area at Stony Creek Metropark so that annual pass holders do not have to wait for people to pay for a daily pass. It takes forever and is very frustrating. I would even be willing to pay an additional cost for a "speed pass" and I think others who frequent the park enough would, too. (This could be a great opportunity to earn extra revenue if done right. A "speed lane" is desperately needed!)
- Please increase availability and accessibility to horse programming in Oakland County. Also, a need for some community pools for daily seasonal membership.
- Please keep a Metropark police presence in the parks. It's an important part of socializing for all ages of people. And it also assists with peoples positively thinking about law enforcement. The maintaining of clean, safe restroom facilities, garbage pickup of available cans and parking lots, boardwalks, mowing and bike paths etc. is important. All these things reflect an attitude of respect for the earth and environment to the public.
- Please increase trees and green spaces AND help neighborhoods and other parks keep connected. Nature centers and school group activities/ field trips are so important. Children start their respect for animals, insects, and nature early. If they are going to inherit out troubled earth, we need all the advocates we can to educate for positive interaction with nature, animals, and our planet. All these things are so very important - they all equate in better connectedness for human beings with each other and for improved mental, physical, and spiritual health."
- Please keep conservative going.
- Please keep our green areas.
- Please keep our parks, restrooms, and facilities clean, crime free, and safe.
- Please make boardwalks a priority, the ones off unpaved hiking and nature trails need boards replaced or elevating due to changing wetlands. We can only get so much help from the local Boy Scouts! Thank you
- Please add more lake in motorized areas or expand lake swimming areas and reduce wakes on lakes. Keep motorized craft (except electric) off rivers. Too much pollution from motor craft, ban jet skis! People have gotten maimed and killed by jet skis and motorboats.
- More trails that don't allow bikes in the woods on non-paved trails. A lot of seniors like walking in the woods and can't hear bikes that come so fast and yell things that seniors can't understand, and seniors can't just jump into the woods safely. There are more and more seniors in the area.
- Please make separate areas for kayaks and canoes. They should NOT be at boat launch areas. Especially at Lake St Clair Metropark. It is way too busy there to have to fight with the kayaks for launch space.
- Please make separate entry lanes for people who already purchased park passes. Wait lines at Kensington are too long.
- Please make sure chemical fertilizers, weed control chemicals, and all ground water contaminating with runoff chemicals are not used in any way in your parks. I am a neighbor to one of your golf courses and am concerned that our shared watershed is not being cherished the chemical runoff from your golf course is a future disaster in the making.

- Please add more MTB trails. Stony creek Metropark is a great example of what the area could use.
- Please open restrooms
- Please open the pools this summer!!!!
- Please prioritize finishing the B2B trail. It will connect my neighborhood with Ann Arbor & Dexter
- Please provide an alternative pass rather than vehicle window stickers. Cost is not the issue; the hassle is the mess on my window every year. I would pay more for a card or something to carry on my person.
- Please provide more public pool/splash pad/lazy river options!
- Please put a splash pad or misters or something in at the Eastwood Beach playground at Stony Creek. It's a beautiful play structure but it sometimes gets so hot it's difficult for little kids to be out there.
- Please reconsider the annual deer culls and/or the way they are done.
- Please reopen the Oakwood's Nature Center!
- Please use space at Delhi Metropark for a dog park. The one at Ann Arbor is nothing but a mud pit.
- Please, more mountain bike trails!!
- Ponds for model boats
- Pool hours should be open until 9 in the summer.
- Pool is poorly managed, as is concessions.
- Preserving nature and biodiversity is the most important. Save as much natural space as possible.
- Prior to my current health issues, I was a frequent visitor, biker, kayaker, sailor.
- Promote yourselves and your parks.
- Provide half-cart pricing at golf courses for golfers who wish to ride alone due to pandemic fears.
- Provide monthly or quarterly updates.
- Provide transportation for those that have none. Programs designed to pick up seniors, disabled, and homebound residents and return them home.
- Public hunting opportunities should be allowed in Metroparks. Sharp shooting deer in the parks to control the deer herd is absurd! Better use of the taxpayers' dollars would be better served by allowing the public to hunt the tax paying public's park. The sharp shooting population control impacts the surrounding neighbors. This irrational action greatly reduces the great hunting experience and opportunities to surrounding areas.
- Public showers for the homeless or them people who have had water shut off in their trailers.
- Public transportation to parks may be helpful.
- Pump track please
- Purchase the Brighton rec land for sale on Brighton Road—add a park with dirt walking trails or dog park
- Put a Metropark in Warren. Public bus routes to Metroparks from major transit centers
- Put in benches on the trails
- Quit being so particular about transferability of car tag.

- The reason I answered permit cost as issue is the requirement for an additional permit for a small trailer that I use to haul kayaks to park. I can park by using only one spot. Needing a permit for the small trailer seems excessive
- Recruit teens from the inner-city for jobs so they can learn about nature.
- Reduce admission cost like state parks
- Reduce fee for MI residents. It is too expensive. We already pay state and property taxes, so why do you charge so much again?
- I started using state parks more due to much lower fees compared to Metroparks.
- Reduce the price to enter the parks. Hard to pick a Metropark over a state park when the price for a Metropark is almost 3 times higher.
- Remove some of the big fallen trees in the river
- Repair paved trails for handicap accessible. Some of the trails are quite bumpy and have uneven surfaces and large cracks that cause pain when going over them.
- Residents living in the county of the Metroparks location should get a discount for entry ie: Addison Oaks charges more if out of Oakland County
- Restrooms need renovation in certain areas of Stony Creek. I don't mind the annual pass fees going up every year assuming improvements to the park are made.
- Return \$1.00 off senior yearly pass for every visit.
- Road biking in Stony Creek is dangerous and guests are not friendly toward bikers. Road bikers are frequently harassed by motor vehicle drivers while biking.
- Make wide shoulders, bike lanes, and create awareness that bikers need to be able to ride in the park safely. We choose the park to avoid the open road to reduce cycling/motor vehicle conflict.
- Add an outdoor roller rink during the warmer seasons that can be converted into an ice-skating rink during the winter. Send out a schedule of events in a newsletter, preferably yearly.
- Safe bike lanes/ trails leading to parks is a top priority for me. Trail network is key. Thanks
- Safe friendly environment. I'm not a fan of age-related questions. Improving and keeping our parks up is a must. I feel you're doing a great job so far but if more money is available improvements would be wonderful. A better way to inform a kayaker of the status of the river may be a flag system: green, yellow, orange, red. There should also be a place through the website we can report issues on the water. I have gone after rain and sometimes it's good and sometimes it's not. The kids at the gates are not updated or just don't pay attention. I understand it can change daily and hourly, but if your kayak can't fit under the bridge with a person in it or there is a big tree on the water that blocks the path when the water is too high, this needs to be noted. I'm a strong swimmer but not everyone is. There is a tree between lower Huron and Willow that needs to be trimmed backed or removed. The tree is located on a bend in the river. That tree is not visible from the road and high water makes that area not passable. Someone will get hurt or will die at this location. I travel on the water during the week to avoid large crowds of people. There are older people in their late 60s that travel alone on the water and young families. These individuals own their own kayaks.
- Save money. Lower taxes. Maintain what you have.
- Secure the Parks picnic tables so they don't end up in the river & are unusable.
- Security cameras

- Sending out curated text message blasts of upcoming activities that people subscribe to (i.e. I don't need information for young children's programs) with a link so people can follow different lists.
- Senior bike rides
- Senior car and boat stickers need to be cut 1/2 price--getting to be too much money on a fixed income
- Senior discount!
- Senior passes. We've been paying for these parks for years. Should have free passes like Oakland County Parks.
- Seniors should be given "Free Entry" passes for lifetime. (Age accordingly) Most are retired, disabled, or both. Finding something to keep them busy and healthy is an everyday struggle. Having access to the parks for Seniors takes a burden off them and offers more to do, rather than being homebound and bored.
- Set a low-income rate for park admission
- Should not be a charge at the gate when you play golf.
- Should not be charged to enter park to just play golf. At Kensington I can see the parking lot from the check in and must pay \$10 to drive 100 yards to the golf course and then pay to play golf. Absurd
- So far I have been impressed with the Metropark system. I am happy to live in a community that values this to the extent they are willing to level a special tax to support it.
- Some companies make Metropark passes available to their employees - that is a cool perk that you might consider encouraging!
- Some dirt roads are in poor condition
- Spray for biting insects
- Start one in Saline or Pittsfield township
- Stay open longer
- Stock inland lakes
- Stock the ponds with more fish
- Stony Creek is great.
- Stop charging golfers an entrance fee to get into park. Pay and reimburse makes sense. I avoided playing more Metropark golf because of the entrance fee
- Stop charging people to get in.
- Stop killing the deer
- Stop overpaying contractors for improvements paid for with our money. Utilize TRANSPARENT, fair, and competitive bid processes. Try to ensure the need for service is well-publicized to encourage more bids.
- Stop ruining nature with golf courses.
- Stop with all the play areas. Nature should be enjoyed as nature - not have pools and hot tubs. When you have all the conveniences of a local club, you are blocking out nature. People are becoming so unable to disconnect - that is what parks and nature areas are for----letting go.
- Streetlights
- Thank you for holding space for the forest.
- Thank you for providing this survey.

- Thank you for the job you do!
- Thank you for the thoughtful and thorough approach to assessing our communities' and State's essential parks and recreation areas. They are invaluable to all living beings and the environment.
- Thank you for your service. Yes, make places dog friendly and offer poop bags.
- Thanks for all the good work!
- Thanks for all your work.
- Thanks for asking!
- The annual pass fee may be a barrier for some families, what are you doing to make sure parks remain accessible to all residents?
- The B2B is nearly excellent for walking. In a perfect world if we could have separate trails for bikers, it would be so much safer. Also, all these paved walking paths need to be maintained daily for safety.
- The daily fees should be dropped. A fee to launch kayaks and canoes? Drop. I pay (and support) property taxes for HCMA and believe that residents of the counties paying this tax should have fee free use of the facilities.
- The dock areas need the weeds cleaned out.
- The Huron-Clinton Metroparks were a godsend during the early stages of covid. My husband and I often took dates in the park.
- The Kensington Metropark has been very helpful with mental health during the pandemic and we went there daily to say hello to the farm animals and walk the paved trails with our strollers. Also, as a young family with 4 children, it is not cost effective to go to the splash pad. I would like to go there more but I can't justify going there for approximately \$40 when the kids have just as much fun running through the sprinkler at home.
- The landscape changes and facility refreshes at Lake St Clair are seeming to be an enduring tranquility framework. As I walk through, seeing the trees and lake—stress of the city melts away.
- Candy wrappers and water bottles, messy bathrooms— you have a constant challenge. Teach to guests to care for the earth. Maybe put a bell by a trash can. Or that the bell would ring when a deposit is made? Maybe a chime?
- The Metroparks are a big part of ours and our children's lives, we go very frequently and support any projects to make the Metroparks even better! Kensington is our favorite! Although one closer to Holly would be so awesome!
- The Metroparks are really awesome
- The Metroparks are a GREAT resource! I've been using them since my parents took my family to Kensington for the beaches and picnicking when I was a preschooler until now, as a retiree, when I walk the trails in Dexter Huron and Hudson Mills with my husband 2-3 times a week. Thank you for all you do!
- The Metroparks are doing a great job!
- The Metroparks security/police are very helpful and nice. My family loves the trails. Please make sure the parks stay friendly to the wildlife, we love to see the animals.
- The Metroparks were a gift during Covid and kept us healthy, mentally and physically.

- The Milford area has become known through SE Michigan as a mountain biking mecca and mountain bikers pass through Kensington every day going from one trail to another but are forced to drive on the roads going through Kensington. I've been trying to figure out for the last 20 years why Kensington isn't interested in this growing trend by offering some trails inside the park. There is plenty of space and if the park teamed up with the local MB club, they would have an army of workers but I'm told there is ZERO interest in this opportunity from the Kensington Management. It's the most disappointing part of this great park.
- The one program that would have the most lasting impact and return on investment is nature education for both youth and adults. People who have been exposed to nature through hiking, learning about wildlife, learning about regional plants, nature centers, and other educational programs are far more likely to support environmental causes. It's hard for people to care about the environment if they've never seen it up close.
- Golf programs are probably the least important programs. There are over 900 golf courses in Michigan, roughly 600 are public courses. The last thing we need are more golf courses.
- The ones we have visited are very nice. We appreciate how you maintain the paved trails for biking.
- The park needs a RC boating pond about 3 foot deep and wide with trails around them with benches and trees for shade, RC boat docks with power plugs nearby, and a metal shelter so people can sit and watch them.
- The parks are good, but they can be GREAT! This survey is a start - more kayak launch points and places where people can enjoy the Huron river (possibly a beach area at Barton pond?) are great ways to start.
- The parks are wonderful. My family is very lucky to have them.
- The parks have boomed during Covid. Thank you for doing such a beautiful job.
- The people who maintain the parks are doing an amazing job!! They are your greatest asset!
- The roads and parking lots at LSCM need work.
- The State of Michigan should have just one park system. There too many park systems in the state of Michigan. All the different park systems in Michigan must be consolidated into only one system.
- There are no inexpensive therapy or warm pools available for those who need them for exercise and well-being! Indoor would be best because of weather conditions.
- There are only two genders, male and female. I think this is nonsense that you put four choices.
- There are parks with invasive species living in them, other areas where natural fauna are overpopulated (some to the point of absolute traffic hazard) and too many mouths on the landscape in others. The parks find no trouble shutting down certain areas or parks for special events and I make no quarrel over this. I think it bears investigating why certain areas or parks cannot be shut down for periods of time to allow hunting opportunities which would have a positive effect on the animals that are overpopulated. This is not a BIG ask, its simply not a popular one due to the leftists who tend to run these types of organizations. I certainly don't expect that my opinion will be heard and that by itself is a shame.
- These parks are a great asset!
- They are costly for passes, reduce the prices.
- They are doing a great job. Need more activities like arts and crafts, tournaments like volleyball or baseball, and fun games while at the beach like horseshoes.

- They are too crowded, and the water is dirty.
- They need to be better maintained overall: pavement, landscaping, facilities. Park staff need a memo that they are not police and should be kind and welcoming. Also, dogs are not evil. Most households have pets!
- They provide a wonderful service at almost no cost...during covid the walking paths have been such a blessing
- They really need to upgrade the parking lot at Lake St. Claire Metropark.
- This survey is a great start.
- Too expensive for sticker
- Transportation from Detroit to the parks.
- Trash cleanup day for the parks. If there is one, better advertising!
- Try to not evade plants and birds habitats. Stop culling deer so much. Keep the roads in good repair. Try to open more parking in winter.
- Turning nature parks into water “parks” with rides etc. doesn’t build support for parks in the right way. Instead of competing with for-profit parks, you must encourage users to experience nature. They will become lifelong supporters of preserving it.
- Sprinkler pads for hot days are nice but expensive indoor pools are for municipalities and gyms to provide. Provide buses to and from parks. Get more families there. Give park etiquette rules en route to kids.
- Upgrade some of the water fountains in the park to the ones that also refill water bottles. Love the timer that shows number of plastic bottles saved from ending up in landfills. Plus add something so we can give our dogs water. I'm tired of hauling around a dog bowl and 4 water bottles to try and make sure she stays hydrated.
- Upkeep on current disc golf courses would be welcome. Fix lack of signage.
- Add disc golf to Huron Meadows Metropark
- Use small, discrete bar scan type stickers and attempt to get more people to pay by offering sign-up specials or prorated passes.
- Virtual or real-time map showing how busy a park and/or disc golf course is throughout the day, including whether there are tournaments going on at any of the disc golf courses. Need more bathrooms available and open (not locked).
- Walkers and bikes cannot share the same paved paths at Kensington-dangerous
- Walking or biking distance are key
- Warren does not have enough green space
- Water quality around Kensington is a concern.
- We always look forward to going the Metroparks for many activities like walking, biking, kayaking, and picnicking.
- We appreciate what the parks do! Thank you.
- We are fortunate to have the Metroparks...please continue to maintain and improve the parks!!
- We don't use the parks more often because the day fee seems a little high for the amount of activities we can do in one day. We've received emails about purchasing a season pass either at the end of the year or very beginning when the weather is cold, then we forget about it until the first nice spring day.

- We have been fans of the Metroparks since our first visit. Since the pandemic, we have adopted a dog son and a dog daughter. After that, I realize that the natural trails that we love are mostly not dog friendly. I wish there could be more dog-friendly areas in the natural parks, it would make it a little bit more adventurous for them.
- We like the Border-to-Border trail connection as we can access it easily and walk/ride to Hudson Mills and Dexter Huron. As we bike and walk, the trails are overcrowded with unsafe bicyclists who speed and don't respect pedestrians or pets (leashed). They seem to be focused on getting a "workout" (think 30 mph) but don't want to ride on the roads. We strongly feel speed limits and safety must be enforced (and the pandemic greatly exacerbated this problem).
- We live near beach Metropark, and we enjoy walking there frequently.
- We love all the Metroparks
- We love Kensington Metropark! Thank you.
- We love Kensington Park
- We love Kensington!
- We love Kensington. Upkeep seems to be falling off. Better care of facilities would be nice.
- We love Metroparks and look forward to spending more time there this summer
- We love mountain biking and wish we had more options for indoor swim lessons and outdoor seasonal swim and relaxation.
- We love our Metroparks, but we love to rollerblade and many of the paved paths are in very poor condition
- We love our parks! Please keep doing what you are doing! We go 5 to 6x a week and love the trails and programs available.
- We love our parks. Covid has made it clear that the outdoors are our safe haven. Nature has been mostly the place we have met friends and family.
- We love our Wayne County Metroparks. I wish we had facilities closer to us. Especially paved trails! I'm in Wyandotte, and we have no paved trails. I need places to ride bikes with my kid without driving to LEMP.
- We love parks and always want them to be improved. Trash pickup and maintenance is important to us. And we would love to be involved in community clean-up.
- We love Stony creek park
- We love the Metroparks and believe it's critical to invest in them
- We love the Metroparks! The kids and I go often! As a stay-at-home mom, I'm always looking for programs or reduced prices in passes!
- We love the Metroparks and all parks and recreation areas. The biggest drawback to Metroparks is the cost. With so many other options in Wash Co., we just don't visit them because of the entrance fee.
- We love the Metroparks! I used them so much in the 80s and 90s as a childcare provider and another 20 years as a parent. Now we have a granddaughter and can't wait to explore the parks with her.
- We love the parks. Would love to utilize them more if we had more opportunities nearby, or convenient, safe connecting trails to get to existing park locations. You do great work - looking forward to seeing any improvements that get implemented as a result of this survey.

- We love the water walking at Turtle Cove before the pool opens to the public. Great for people with arthritis...easier on our joints. We hope it is available this summer. Thanks for all you do! We love using the Metroparks. Great asset to our community!
- We love what you do. Thank you!
- We need more beautiful parks to enjoy on Livingston County
- We need more equine trails, not shared with bicycles
- We need more evergreens, the reason I was motivated to take this survey. The trails are full of "scrub" bushes and trees, they don't feel healthy or look appealing. We need healthy trees and lots of evergreens like up north.
- We need more natural areas and trails. I don't like a lot of the Metroparks facilities because they are too oriented towards a traditional mindset around human-centered recreation. Too much lawn, ornamental trees, and pavement. We need more natural area, native Michigan plants/trees, wet meadows, and other features that create connections to nature instead of paving over. We need to facilitate a retreat from the stresses of everyday life.
- We need more playgrounds at Stony Creek
- We need our own rec center.
- We only ever attend family-themed events and wish we could keep up on upcoming events better. There are lots of events, but I never know about them in time to register and get a spot. It would be amazing if flyers came home from school or there was a way aside from social media and Google to know- I'm just so burnt out of social media and hate dealing with it- I'd love to get mailers with events for Stony creek, Kensington and Wolcott sent to my home if possible: Sarah Jagoda 252 Wynstone Cir S., Oakland MI 48363 . Also, I'm aware Stony Creek and Kensington have a water slide but it's too crowded- which makes it stressful- so we don't go. Maybe I should check it out during a slow morning or something- it just always looks so busy.
- We pay a mileage to HCMA then we must pay an entry fee to get into the park which we use once a year for the family picnic. We never use parks they are too far away otherwise.
- We really enjoy the Lake St Clair Park. We live in Harrison Township and are within walking distance.
- We really need inexpensive golf lessons for youth and teens at Hudson Mills
- We need to have snowshoe or cross-country ski rentals
- Bike rentals would be fun
- Please start thinking of programs that would be for special needs kids with autism, hearing loss, low vision, or sensory issues. The Michigan Department of Low Incidence has developed home camp kits that could be easily replicated and done as programs or short day camps. There really needs to be more programs aimed for teens. After age 12 there are very few camps for kids and it's such a vital age for health and wellness.
- We recently moved to Joy Rd. between Zeeb and Mast. We would appreciate a walking path to get from Joy to Huron River Dr. This would make access to the border-to-border trail easier and safer. There are several households along Joy that walk the short street in our small sub because there are no sidewalks or walking paths nearby. Another suggestion would be adding a small parking lot along Huron River Dr. car parking. There are several small pull outs where people park along the roadway. This appears hazardous for the pedestrians / bikers who park and then walk or bike. Thank you for all you do, we love our Metroparks!

- We take our dog. We somewhat understand the dog restrictions but, as conscientious pet owners, resent them. We would consider paying an up charge to accommodate our canine family member.
- We use the trails and paved paths to walk and run ... we don't use the park for much else. I loved to run races in the park, but never hear of them anymore
- We used the Metropark most often when our daughter was at home. She uses the park for her children and they like camping.
- We visited Kensington Metropark on a very regular basis when our kids were in elementary school, and the visits decreased as the kids got older and involved in school activities & sports. Now my husband and I like to use the park for hiking & beach days.
- We would like a Metropark in the City of Detroit.
- We would love more lake swimming options. We must drive to Kensington. An ice rink would be very nice to have.
- We would love something closer
- We've lost 80% of our birds and even more of our insects. We need to educate homeowners and commercial landscapers on how to plant for birds and bees, plant to deter mosquitoes, and use eco-friendly products in and outside of the house!
- Weed control
- When my kids are older, we will visit parks.
- When renewing license tabs, maybe have an option for Metroparks like the state park option. Another option might be to offer multiple year passes where you might get a little savings by paying for 3 years instead of yearly. Maybe offer passes that people can purchase for Xmas gifts. I'm against raising property taxes for the parks because not everyone uses them and I feel the ones that don't use them should not have to pay. The Metroparks are great, and everyone is fine with paying when they use them or purchasing the yearly pass. Thank you
- When we took our boat to Lake Erie Metroparks it was disturbing to see the yards flooding with Trump signs in their yards.... We felt hopeless that the people who need solutions to their environment don't vote for policies to protect the environment.
- While I recognize that there exist many dog owners that are irresponsible, I have found restrictions, and subsequent enforcement thereof, for walking dogs to be overly strict. Perhaps offering unpaved walking paths for dogs (preferably off-leash) could be considered. I am unusual in that my dogs are well-trained and non-aggressive, and I always pick up after them. Most folks and dogs are not similar, and we all must abide by rules created for ignorant owners. An unfortunate reality. However, the enforcement of said rules has, in my experience, been overly aggressive and rude.
- Why do park police and park employees not have to obey the rules of the park? I visit Lake Erie Park daily and I see them speeding and running stop signs.
- Widen trails, make separate lanes for bikers and pedestrians
- Willow Metropark: I would love to see Washago Pond filled up and running. Loved the paddle boats in the summer. Maintenance workers do a great job with Willow Metro & Lower Huron parks!! Thank you!!
- With so many schools being closed, I would like to see these made into mini parks. Work with partners like Legacy Land Conservancy, Washtenaw land preservation, SE Michigan Land Conservancy, etc.

- Would it be possible to get a pass for ALL parks in the area when renewing vehicle registrations? We paid for the pass last year, then had to pay a daily fee to enter two other parks; many people don't keep track of which parks are run by which branch, and it then feels like the pass-through vehicle registration isn't worth it.
- Would like to continue seeing and using the Metropark facilities
- Would like to see areas for a dog beach, to give access to water for pets
- Would like to stay in touch and learn more about the parks! Open to receiving mail and emails
- Would love a pool for fitness in Macomb county
- Would love more dog parks
- Would love to have an indoor and outdoor pool in the Rochester Hills area.
- Would love to have more places to swim that are clean and safe whether it be a pool or beach. A section or time with no kids so adults can enjoy too would be ideal.
- Would love to see a new park closer to Howell area
- Would love to see an indoor/outdoor community pool.
- Would love to see some large fenced in areas for off leash dog park.
- Would love to see Water aerobics classes for adults in the evening or weekends! More concerts/movies in the park too! Love Lake St Clair Metropark!!
- Yearly passes for vehicle/boat are getting pretty expensive
- Yes, we need open spaces for animals. Most subs don't even allow a fence and there is hardly any place to let your animals exercise.
- Yes, you need a RC boating pond for RC boating and sailboats with the following features: shade trees and benches, miniature islands, navigation light houses, miniature boat docks, and slips for docking.
- Yes, quit charging money to get into Kensington when you are there just to play golf! We aren't being reimbursed for that! Big rip off!
- You are doing a great job!
- From childhood we have used the parks and loved them. Even my Mamma! (and that's a long time ago)
- You are pricing yourself out of some Seniors' attendance with your rates
- You are essential. Thanks for being proactive & professional. Consider partnering with local high school for educational & job training options.
- You do a wonderful job - just bopped on the website to see what programs were happening and was pleasantly surprised
- You have just about covered everything?
- You must keep the Metroparks clean, updated roads, have clean water, keep the bathrooms in order and clean, make everyone pick up their trash, avoid vaping or smoking marijuana in certain high-volume areas, and keep crime low.
- You need a place just for dogs like a dog park, so they won't be all over the park
- You need a RC boating pond with the following features: a path around it, benches for people to watch them, a place for people to run the RC boats, boat slips and little cement islands for sailboats, RC boats to travel around the pond with signs that says no fishing or wildlife feeds, and shade trees around the pond.

- You need more of a presence in Oakland County; at this time, all my outdoor needs are met at state parks, but you may have other things to offer.
- You need some dog parks that allow dogs to access bodies of water as part of the dog park.
- Your golf course staff at Stony are incredibly crabby and rude. I no longer play there because of a bad experience.
- You are missing tax revenue by not requiring bikes and boards to have a license fee. You tax everyone, but don't tax the user? Seems unfair



To: Board of Commissioners
From: Amy McMillan, Director
Subject: Report – Metroparks Climate Action Plan Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Metroparks Climate Action Plan update as requested by Director Amy McMillan and staff.

Background: Dr. Elizabeth (Bess) Perry from Michigan State University will update the Board (via Zoom) on the progress of the Climate Action Plan, which was approved by the Board at the January 2022 meeting.



LATE ADDITION

To: Board of Commissioners
From: Randy Rossman, Chief of Human Resources and Labor Relations
Subject: Report – Human Resources Update
Date: May 9, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Human Resources report as recommended by the Chief of Human Resources and Labor Relations and Staff.

Background: In an effort to attract and retain employees in an increasingly competitive job market, the Metroparks has enhanced overall benefits for employees during the past several years, including the COVID-19 pandemic. The attached report highlights the additional benefits offered to employees.

Attachment: Metroparks Additional Employee Benefits Summary (2019 – present)

METROPARKS ADDITIONAL EMPLOYEE BENEFITS SUMMARY 2019 – PRESENT

Randy Rossman, Chief of Human Resources and Labor Relations

May 12, 2022



ADDITIONAL LEAVE BENEFITS FOR ALL FULL-TIME EMPLOYEES

VACATION LEAVE

- Earned per week rather than per pay period
- Annual hours added at first payroll of the year
- 50% payout of unused hours greater than 400 at year end
- Take VACATION leave in ¼ hour increments

PAID HOLIDAY

- Eliminated President's Day, Labor Day and Columbus Day Holidays
- Added Election Day and Juneteenth Holidays
- Employees scheduled for 10-hour days = 10 hour Paid Holidays

PTO LEAVE

- Added 6 PTO days (48 hours) in lieu of eliminated holidays

ADDITIONAL LEAVE BENEFITS FOR ALL FULL-TIME EMPLOYEES

PERSONAL & COMP LEAVE

- Can be taken in ¼ hour increments

NCV SICK LEAVE

- New leave bank - one time only SICK bank equal to 20 days (160 hours)

BEREAVEMENT LEAVE

- Updated for close relative from 3 to 5 days and other relative from 1 to 2 days
- Added 4 hours available for funeral of current Metroparks employee or retiree

ONCE IN A LIFETIME BONUS

- Bonus of \$1,000 paid at 12/2020

ADDITIONAL PAY BENEFITS - POLICE ONLY

FULL-TIME RATE STEP ADVANCE

- All Police Officers at pay grade POAM-02A, B or C advanced to POAM-02D
- All Sergeants at pay grade POAM-04A, B or C advanced to POAM-04D
- All new Police Officers will begin at pay grade POAM-02D
- All new Sergeants will begin at pay grade POAM-04D

PART-TIME RATE STEP ADVANCE

- All 40-80 Police Officers at pay grade POAM-01B-A advanced to POAM-01B-B
- All new 40-80 Police Officers will begin at pay grade POAM-01B-B

ADDITIONAL COVID BENEFITS FOR FULL-TIME EMPLOYEES

3/14 - 04/10/2020

- Temporary wage increase; Hourly employees eligible for additional \$0.60 per hour for all hours worked

3/14 - 12/31/2020

- Temporary Paid Leave (TPL) established with 80 hours of leave available for all employees

April 2020

- Worksite Temporary Paid Leave (WTPL) offered eligible park employees one day off each week in the month (Police excluded); 4 days total

4/11 - 12/18/2020

- Police only - Police Department Temporary Paid Leave (PDTPL) offered an additional 32 hours of leave for all Police in lieu of WTPL; extended to 3/31/2021

2021 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with up to 80 hours of leave available per COVID event/occurrence

October 2021

- Worksite Temporary Paid Leave (WTPL) offered eligible park employees one day off each week in the month (Police excluded); 4 days total

10/2 - 12/17/2021

- Police only - Police Department Temporary Paid Leave (PDTPL) offered an additional 40 hours of leave for all Police in lieu of WTPL; extended to 4/8/2022

2022 Payroll Year

- COVID Temporary Paid Leave (CTPL) offered with up to 80 hours of leave available per COVID event/occurrence; limit of two occurrences per year

FULL TIME – ADDITIONAL BENEFITS VALUE

Full-Time (excluding Police)

\$37.44 Avg hourly rate

Leave Type	Days	Hours	Benefit Value
Paid Holiday	2	16	\$599
PTO	3	24	\$899
NCV Sick	20	160	\$5,990
Bereavement	3.5	28	\$1,048
Total Value per EE / annual			\$8,536
FT EE's		167	\$1,425,565

COVID Benefits Value

	Days	Hours	Benefit Value
\$0.60/hr 4 wks	20	160	\$96
TPL	10	80	\$2,995
WTPL	8	64	\$2,396
CTPL	20	160	\$5,990
1X Bonus @ 12/2020	-	-	\$1,000
Total Value per EE / annual			\$12,478
FT EE's		167	\$2,083,786
Grand Total FT EE's			\$3,509,351

Full Time Police

\$32.46 Avg hourly rate

	Days	Hours	Benefit Value
Paid Holiday	2	16	\$519
PTO	3	24	\$779
NCV Sick	20	160	\$5,194
Bereavement	3.5	28	\$909
Total Value per EE / annual			\$7,401
FT Police EE's		28	\$207,225

COVID Benefits Value

	Days	Hours	Benefit Value
\$0.60/hr 4 wks	20	160	\$96
TPL	10	80	\$2,597
PDTPL	9	72	\$2,337
CTPL	20	160	\$5,194
1X Bonus @ 12/2020	-	-	\$1,000
Total Value per EE / annual			\$11,224
FT Police EE's		28	\$314,259
Grand Total FT Police EE's			\$521,483

FULL TIME – RATE STABILIZATION PAYMENTS

Paid Date	Single Tier	Family Tier	Total Paid per Year
1/2017	\$700	\$1,400	\$203,700
1/2018	\$700	\$1,400	\$203,700
1/2019	\$1,000	\$2,000	\$280,000
1/2020	\$1,000	\$2,000	\$285,000
1/2021	\$1,500	\$3,000	\$426,000
1/2022 - PPO	\$1,000	\$2,000	\$273,200
1/2022 - HMO	\$700	\$1,400	
Total Cost			\$1,671,600
Current Account Balance			\$462,196
Total Paid 2019 - 2022			\$1,264,200

40-80* POLICE OFFICER BENEFIT SUMMARY

NEW

- Paid Medical Leave (PML) time off – earn up to 5 days per year
- Wellness incentive program
- Voluntary Insurance Plans:
 - 457 deferred compensation plan with employee contribution
 - AFLAC Supplemental Accident, Critical Illness and Hospital Indemnity coverage plans
- Blue Cross Blue Shield Medical/Rx Insurance Plan
- 2021 Additional Summer Bonus at \$1.00 per hour worked for pay periods 12-19
- 2022 Additional Summer Bonus at \$1.00 per hour worked for pay periods 12-19

CURRENT

- Employee Assistance Program (EAP)
- Uniforms & Training provided by the Metroparks
- Employee discounts/facility use
- Flexible schedules
- Life & AD&D insurance coverage - \$10,000

** Police Officers in the Bargaining Unit who work up to 40 hours per pay period in the off-season and 80 hours per pay period during the peak season*

ADDITIONAL COVID BENEFITS FOR 40-80 EMPLOYEES

3/14 - 04/10/2020

- Temporary wage increase; Hourly employees eligible for additional \$0.60 per hour for all hours worked

3/14 - 12/31/2020

- Temporary Paid Leave (TPL) established with 80 hours of leave available for all employees

4/11 - 12/18/2020

- Police only – Police Department Temporary Paid Leave (PDTPL) offered an additional 32 hours of leave for all Police in lieu of WTPL; extended to 3/31/2021

2021 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with 80 hours available per COVID event/occurrence

10/2 - 12/17/2021

- Police only - Police Department Temporary Paid Leave (PDTPL) offered an additional 40 hours of leave for all Police in lieu of WTPL; extended to 4/8/2022

2022 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with 80 hours available per COVID event/occurrence; limit of two occurrences per year

40-80 POLICE - ADDITIONAL BENEFITS VALUE

Part Time - 40/80 Police

\$23.57 Avg hourly rate

	Days	Hours	Benefit Value
PML	5	40	\$943
Medical Insurance	-	-	\$7,650
2022 Summer Bonus	80	640	\$640
Total Value per EE / annual			\$9,233
Total 40/80 EE's		11	\$101,561

COVID Benefits Value

	Days	Hours	Benefit Value
\$0.60/hr 4 wks	20	160	\$96
TPL	10	80	\$1,886
PDTPL	9	72	\$1,697
CTPL	20	160	\$3,771
2021 Summer Bonus	80	640	\$640
Total Value per EE / annual			\$8,090
Total 40/80 EE's		11	\$88,988
Grand Total PT 40-80 Police			\$190,549

PART-TIME PROVISIONAL* EMPLOYEE BENEFIT SUMMARY

NEW

- Paid Medical Leave (PML) time off – earn up to 5 days per year
- Employee Assistance Program (EAP)
- Wellness incentive program
- Paid Time Off (PTO) – earn up to 5 days per year
- Voluntary Insurance Plans:
 - 457 deferred compensation plan with employee contribution
 - AFLAC Supplemental Accident, Critical Illness and Hospital Indemnity coverage plans
- 2021 Additional Summer Bonus at \$1.00 per hour worked for pay periods 12-19
- 2022 Additional Graduated Summer Bonus up to \$3.00 per hour worked for pay periods 12-19

CURRENT

- Uniforms & Training provided by the Metroparks
- Employee discounts/facility use
- Flexible schedules

* Provisional employees are defined as employees working up to 12 months a year and up to 1,500 hours total

ADDITIONAL COVID BENEFITS FOR PROVISIONAL EMPLOYEES

3/14 - 04/10/2020

- Temporary wage increase; Hourly employees eligible for additional \$0.60 per hour for all hours worked

3/14 - 12/31/2020

- Temporary Paid Leave (TPL) established with 80 hours of leave available for all employees

April 2020

- Worksite Temporary Paid Leave (WTPL) offered eligible park employees one day off each week in the month (Police excluded); 4 days total

2021 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with 80 hours of leave available per COVID event/occurrence

October 2021

- Worksite Temporary Paid Leave (WTPL) offered eligible park employees one day off each week in the month (Police excluded); 4 days total

2022 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with 80 hours available per COVID event/occurrence; limit of two occurrences per year

PART TIME SEASONAL* EMPLOYEE BENEFIT SUMMARY

NEW

- Paid Time Off (PTO) – earn up to 2 days per year
- Paid Medical Leave (PML) time off – earn up to 5 days per year
- Employee Assistance Program (EAP)
- AFLAC Supplemental Accident, Critical Illness and Hospital Indemnity coverage plans (voluntary)
- 2021 Additional Summer Bonus at \$1.00 per hour worked pay period 12-19
- 2022 Additional Graduated Summer Bonus up to \$3.00 per hour worked pay period 12-19

CURRENT

- Uniforms & Training provided by the Metroparks
- Employee discounts/facility use
- Flexible schedules
- No social security deduction by employee or employer
- 457 deferred compensation plan – 1.5% ER and 6% EE contribution (in lieu of social security)
- Seasonal bonus, \$0.60 per hour worked for the season

* Seasonal employees are defined as employees working between April 17 – October 15 and up to 600 hours total

ADDITIONAL COVID BENEFITS FOR SEASONAL EMPLOYEES

3/14 - 04/10/2020

- Temporary wage increase; Hourly employees eligible for additional \$0.60 per hour for all hours worked

3/14 - 12/31/2020

- Temporary Paid Leave (TPL) established with 80 hours of leave available for all employees

April 2020

- Worksite Temporary Paid Leave (WTPL) offered eligible park employees one day off each week in the month; 4 days total

2021 Payroll Year

- COVID Temporary Paid Leave (CTPL) established with up to 80 hours of leave available per COVID event/occurrence

2022 Payroll Year

- COVID Temporary Paid Leave (CTPL) offered with up to 80 hours of leave available per COVID event/occurrence; limit of two occurrences per year

PART-TIME – ADDITIONAL BENEFITS VALUE

Part Time - Provisional

\$13.89 Avg hourly rate

	Days	Hours	Benefit Value
PML	5	40	\$556
PTO	5	40	\$556
2022 Graduated Summer Bonus	80	640	\$1,200
Total Value per EE / annual			\$2,311
Ttl Provisional EE's		460	\$1,063,152

COVID Benefits Value

	Days	Hours	Benefit Value
\$0.60/hr 4 wks	20	160	\$96
TPL	10	80	\$1,111
WTPL	8	64	\$889
CTPL	20	160	\$2,222
2021 Summer Bonus	80	640	\$640
Total Value per EE / annual			\$4,959
Ttl Provisional EE's		460	\$2,280,938
Grand Total Provisional			\$3,344,090

Part Time - Seasonal

\$11.56 Avg hourly rate

	Days	Hours	Benefit Value
PML	2.25	18	\$208
PTO	2	16	\$185
2022 Graduated Summer Bonus	80	640	\$1,200
Total Value per EE / annual			\$1,593
Total Seasonal EE's		298	\$474,726

COVID Benefits Value

	Days	Hours	Benefit Value
TPL	10	80	\$925
CTPL	20	160	\$1,850
2021 Summer Bonus	80	640	\$640
Total Value per EE / annual			\$3,414
Total Seasonal EE's		298	\$1,017,491
Grand Total Seasonal			\$1,492,217

SUMMARY OF ADDITIONAL BENEFITS VALUE FOR ALL GROUPS

Group Summary	Total COVID Benefits Value	Total New Benefits Value	Grand Total per Group
Full-Time (excluding Police)	\$2,083,786	\$1,425,565	\$3,509,351
Full Time Police	\$314,259	\$207,225	\$521,483
Part Time - 40/80 Police	\$88,988	\$101,561	\$190,549
Part Time - Provisional	\$2,280,938	\$1,063,152	\$3,344,090
Part Time - Seasonal	\$1,017,491	\$474,726	\$1,492,217
Grand Totals	\$5,785,462	\$3,272,229	\$9,057,690
	Rate Stabilization Paid since 2019		\$1,264,200

A serene sunset scene over a calm lake. The sun is a bright, glowing orb in the upper center, casting a long, shimmering reflection on the water's surface. In the foreground, the silhouettes of people are visible: a group in a canoe on the left and a person standing on a paddleboard on the right, both moving across the water. The background shows a dark, silhouetted treeline under a soft, orange-hued sky.

THANK YOU!

QUESTIONS



To: Board of Commissioners
From: Amy McMillan, Director
Subject: Report – Shelden Trails Redevelopment Project
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Shelden Trails Redevelopment Project update as requested by Director Amy McMillan and staff.

Background: Staff will have a presentation and video for the Shelden Trails Redevelopment Project at the May meeting.



To: Board of Commissioners
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance
Subject: Report – Monthly Natural Resources Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the monthly Natural Resources Report as recommended by Chief of Natural Resources and Regulatory Compliance and staff.

Attachment: Monthly Natural Resources Report

8-C-1-a



NATURAL RESOURCES MONTHLY REPORT

MAY 2022

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)

SYSTEM-WIDE

ADMINISTRATIVE

- Permitting and planning for late spring/early summer lake treatments.
- Rouge Park natural areas plan implementation and updates.
- Hiring of new staff for open full-time and part-time positions continues.
- Grant reporting and administration for several ongoing grant projects, at Lake Erie, Lake St. Clair, Willow, Indian Springs.
- Upcoming lake treatments at Kent Lake, Stony Creek Lake, and Lake Erie Marina.



Figure 1: Prescribed fire burns into the EDC Prairie management unit at Indian Springs Metropark.

SOUTHERN DISTRICT

LAKE ERIE METROPARK

- Archaeological deep trenching and survey underway
- Marsh enhancement dredging project will proceed in July.

OAKWOODS METROPARK

- *Lymantria dispar*, or spongy moth, formerly known as the gypsy moth, control at Nature Center Woodlands.

WILLOW METROPARK

- Upcoming planning and installation of green infrastructure, removal of parking lot and seeding of prairie to replace asphalt.

LOWER HURON METROPARK

- Improvement of green infrastructure installations at North fishing site and kayak launch.



Figure 2: Native seed from Southern Michigan Bioregion, provided for Willow Big Bend Restoration by Pollinator Partnership.

WESTERN DISTRICT

KENSINGTON MEADOWS METROPARK

- Early season invasive species control in high priority areas continues.

INDIAN SPRINGS METROPARK

- Preparing kick-off of Healing the Huron Headwaters grant project, to include invasive species removal and restoration of trees in the Huron Swamp and West Wetland Complex.
- *Lymantria dispar*, or spongy moth, formerly known as the gypsy moth, control in East Huron Swamp along nature and bike trails.

DEXTER-HURON METROPARK

- Early season invasive species control in high priority natural areas focusing on Japanese Barberry.



Figure 3: Natural Resources crewmember Mike Shields stands next to felled Oak tree suffering termite damage at Dexter-Huron Metropark.

EASTERN DISTRICT

STONY CREEK METROPARK

- *Lymantria dispar*, or spongy moth, formerly known as the gypsy moth, control at Stony Creek in the Nature Center and Sheldon Trails area.

LAKE ST. CLAIR METROPARK

- Preparation for final grading and installation of erosion control materials and seeding, pending final alignment and plans for sewer redevelopment by local municipality.

WOLCOTT MILL METROPARK

- *Lymantria dispar*, or spongy moth, formerly known as the gypsy moth, control at parcel near Ray Township office at Wolcott Metropark.

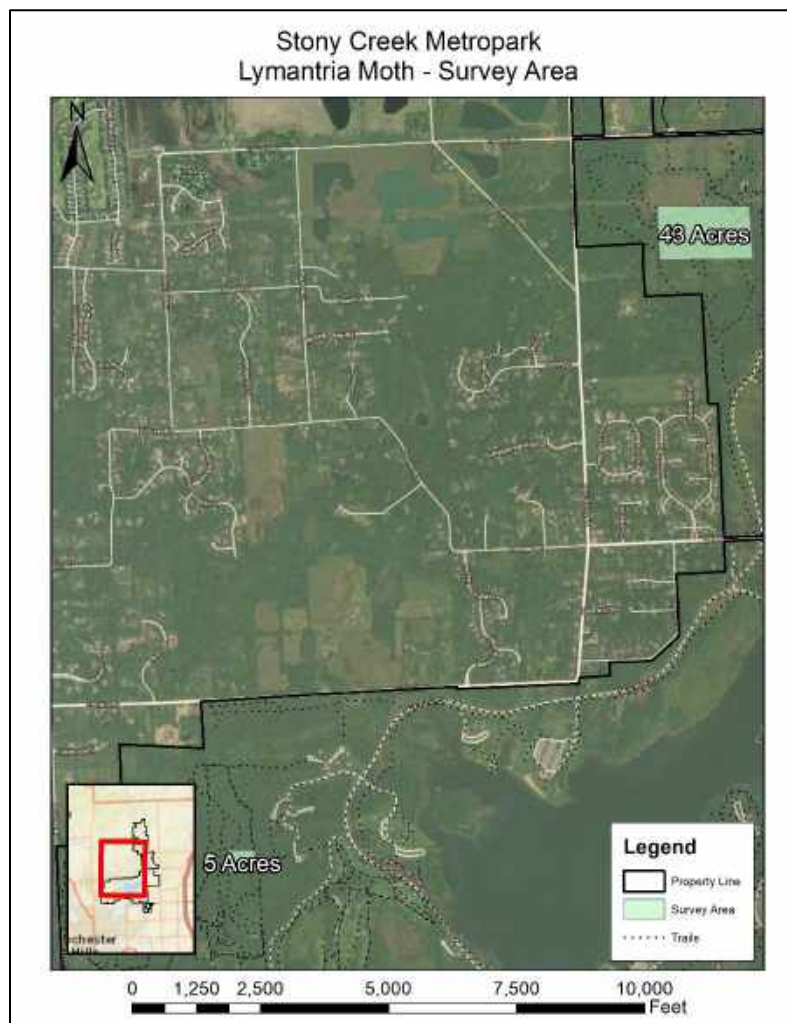


Figure 4: Planned *Lymantria Moth* treatment at Stony Creek Metropark.

WHAT'S NEXT?

SYSTEM-WIDE

- Spring invasive species survey and control completion.
- Lake Survey and treatment.
- Storm water and water quality improvement planning with internal staff and partners.

SOUTHERN DISTRICT

- Shoreline excavation and grading, and marsh dredging at Lake Erie Metropark
- Big Bend restoration planning, beginning grading work for prairie plantings
- Eastern Prairie Fringed Orchid survey and habitat management.

WESTERN DISTRICT

- Garlic Mustard control by staff and volunteers in quality natural areas.

EASTERN DISTRICT

- Shoreline restoration grading and seeding at Lake St. Clair
- Lake St. Clair groundwater study conducted by USGS for beach restoration grant.



To: Board of Commissioners
From: Jay Bibby, Interim Chief of Planning and Development
Project Title: Report – Planning and Development Department Monthly Update
Date: May 6, 2022

Action Requested: Motion to Receive and file

That the Board of Commissioners receive and file the Planning and Development Department Monthly Update as recommended by Interim Chief of Planning and Development Jay Bibby and staff.

Executive Summary: The following are highlights of the activities of the Planning and Development Department for May 2022:

Project/Initiative Implementation

- Community Recreation Plan planning process underway to create framework for next five years of development projects system wide.
- Adaptive ballfield concept plan for facility at Lower Huron kick off meeting held in coordination with RIM (DMC's Rehabilitation Institute) through their adaptive sports program took place.
- Juneteenth event planning underway with kick off meeting along with sub-committee meeting for marketing coordination with Wayne County staff

Planning & Community Engagement

- Hudson Mills and Lower Huron five-year updates for master plans underway with steering committee meetings performed along with public input derived from the community recreation survey recently completed by ETC Institute.
- Community Recreation Plan regional survey completed with approximately 2,900 representative responses from the five-county region and the city of Detroit.
- Earth day events had litter cleanup activities with 320 participants at Lake St. Clair, Lake Erie, Kensington and Stony Creek.

Programming

- The Detroit Public Schools Community District (DPSCD) Physical Education Partnership. This spring, we scheduled 32 independent field trips with DPSCD in March, April and May.
- Swim in the D swim lessons hosted by city of Detroit Parks and Recreation, in partnership with Detroit Riverfront Conservancy.

Land Issues/Opportunities

- Mound Rd. easement for sidewalk gap site plan approved. Easement documentation forwarded to legal for review.
- City of Flat Rock lease and easement agreement under legal review along with engineering review.

Grants

- Submitting SEMCOG planning grant to pursue electrical vehicle infrastructure study with potential partner TBD.
- Planet Award from Consumers Energy grant awarded for headwaters restoration project at Indian Springs.
- Ralph C. Wilson, Jr. Foundation Trail projects being prioritized following system-wide gap analysis for review at MTSE steering committee, RFP being developed for consultant to assist with projects underway.

Attachment: Planning and Development Department Monthly Update, which includes Monthly Grant Updates and Monthly Recreation Programming and Events Updates



PLANNING AND DEVELOPMENT MONTHLY REPORT

May 2022






Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)

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OTHER DEPARTMENT INPUT KEY	
	Natural Resources and Regulatory Compliance
	Planning and Development
	Diversity, Equity and Inclusion
	Interpretive Services and Community Outreach
	Engineering

SYSTEM-WIDE

Restoration – Linear feet or acreage of project impact for shoreline protected or restored, wetlands protected or restored, floodplain protected or mitigated

Invasive Species Management – Linear feet or acreage of project impact treating invasive species

Habitat and Wildlife Protected – Linear feet or acreage of project impact for fish habitat, fish barriers removed or bypassed, species moved or avoided

Partnerships – Outside agency funding sources (total cost/sharing percentage)

Volunteers – Total number of volunteers/workdays

Grant/Foundation Funding – Total funding/match

Visitor Counts – Total number of visitors weekend/weekday









Best practices education – Project emphasizes educational and interpretational opportunities

Estimated cost – Total estimated or actual cost of project

Accessibility – Determine if facility or programs designed for accessibility (A) or if barriers (B) exist based on ADA checklist









Staff time – Total number of staff hours estimated

Administrative





	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
SYSTEMWIDE	Planning and Development monthly reports	Report		Monthly	Staff time	Report assembly, grant monthly updates
	Tollbooth scanning reports	Report		Monthly	Staff time	Ongoing
	Foundation administrative tasks	Various		Ongoing	Staff time	Administrative tasks, scheduling annual board meeting.
	Sign request processing/signage transition plans	Infrastructure/ Small Facilities		Ongoing	Actual cost	Administrative tasks
	CAPRA accreditation preparation	Report	Various	Ongoing	Staff time	P&D support provided for all Chapter Chairs
	FAIR Play Coalition maintenance and development	Various		Ongoing	Volunteers	Feedback sought for accessible projects
	CAPRA Programming Ch. 6	Various		Ongoing	Staff time	Documentation assembly
	CAPRA Planning Ch. 2	Report		Ongoing	Staff time	Documentation assembly
	Commemorative trees and benches	Various		Ongoing	Staff time	Administrative tasks

SYSTEM-WIDE

HCMA Studies/Initiatives





Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
Volunteer Management	Plan		Spring 2021	Staff time	Researching community partners for 2022 recreational events and volunteers with DEI focus.
Community Recreation Plan 5-County SE Michigan survey	Plan		Ongoing	Staff time/Consultant	ETC regional survey results under analysis.
Sustainability Plan projects coordination	Various		Ongoing	Various	CAPRA Sub-Committee working on sustainability policy standards
Trail Ambassador program	Report		August	Staff time	Working with marketing to launch officially in spring 2022
ADA Transition Plan	Plan		Ongoing	Staff time	Updates ongoing.
Visitor count program	Various		Ongoing	Staff time	Summer 2022 visitor count planning underway.
Visitation data documentation and analysis	Report		Ongoing	Staff time	Cross-department planning for 2022 data collection meeting continue in May
Interpretive Master Plan demographic and other data analysis	Report		Ongoing	Staff time	Support for Interpretive Services staff for interpretive plan development

Grants/Fundraising


Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
REI Grant Rouge Park	Plan		Ongoing	Staff time	Tour of prairie given to REI with Friends of Rouge Park on 4/30
GOAL- Various grant opportunities	Plan		Ongoing	Staff time	24 teachers (1624 students) have applied to date; programming ongoing
RCWJ Foundation	Plan		Ongoing	Staff time	Trail connectors identified for MTSE, draft RFP in progress for consultant; Exploring RAISE grant opportunities
DTE E-Fleet Program	Plan		Ongoing	Staff time	E-Fleet application being developed

SYSTEM-WIDE

rojRecreation Programming

Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
2022 Recreation Programming	Various		On going	Staff time	Meeting with Marketing to discuss 2022 evaluation forms for CAPRA.
DIA's Inside/Out program	Various		On going	Staff time	Art installations are being de-installed at Ken, Stony, and Lake Erie. 2022's application was approved for Willow, Wolcott, and Indian Springs.
Programming Evaluation	Various		On going	Staff time	Ongoing
Swim program development plan (SE Michigan region)	Plan & Program		Winter 2022	Consultant Report	Final plan being delivered.

Project Implementation/Oversight

Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
PNC Grant	Documentation		Ongoing	Check received	Programs well received, continues through early June; final report due 6/30
EGLE Recycling Bin Grant	Plan	Various	May 2021	Staff time	4 th quarterly report submitted. Training for staff being coordinated with Waste Management outreach services for ops meeting 5/24
Healthy Catalyst Paddling Accessibility	Implementation	Various	Ongoing	Staff time	\$166 left to spend, trained KEN staff on 8/6
Nature trail wayfinding sign development	Implementation	Various	Ongoing	Staff time	Project budgeted for 2022 based on plan recommendations
ESRI ArcGIS Administration	Documentation	Various	Ongoing	Staff time	Purchase order completed for software registration and online credit usage. Awaiting IT install date.

SOUTHERN DISTRICT





Lower Huron Master Plan Update Steering Meeting #1



SOUTHERN DISTRICT

Grants/Fundraising



	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LER	2021 TF- Cherry Island Trail Improvements	Large Facilities		April 2021	Staff	Grant project awarded. Awaiting project agreement from DNR.
	2021 GLRI-EPA Nonpoint Source Grant	Large Facilities		Ongoing	Staff time	Partnering with Wyandot to perform ecological restoration at Six Points and SWMP green infrastructure improvements at LER.; Awaiting award announcement
LHu	2020 TF - LHu Iron Belle Trail Connector	Documentation	Various	2021.	Staff time	Contractor awarded at BOC April meeting
	2020 LWCF - Walnut Grove Campground	Documentation	Various	2021	Staff time	Waiting on NPS Project Agreement, to be executed
	2020 LWCF - Off-Leash Dog Area	Documentation	Various	2021	Staff time	Waiting on NPS agreement

Project Implementation/Oversight


	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LHu	Accessible railroad crossing along hike-bike trail	Small Facilities	Eng	2022 Completion	Construction	Project agreement underway with CSX.
Wil	SE Michigan Resilience Fund- Big Bend Area Restoration	Large Facilities	Eng/NR	Ongoing	Staff	Stakeholder meeting scheduled for May
	Shelden Trails Ribbon Cutting Ceremony	Implementation	Various	Ongoing	Staff time	Ceremony video led by Marketing Dept. produced on 4/29

SOUTHERN DISTRICT



Project Implementation/Oversight, cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LEr	2019 LWCF - Oakwoods Accessible Nature Trail	Large Facilities		Ongoing	Staff time	Project Agreement executed by DNR/NPS, design work being scheduled with engineering dept. due Oct. 2022
	2019 LWCF - Lake Erie Accessible Boat/Kayak Launch	Large Facilities		1 month	Staff time	DNR project agreement executed, engineering design next step

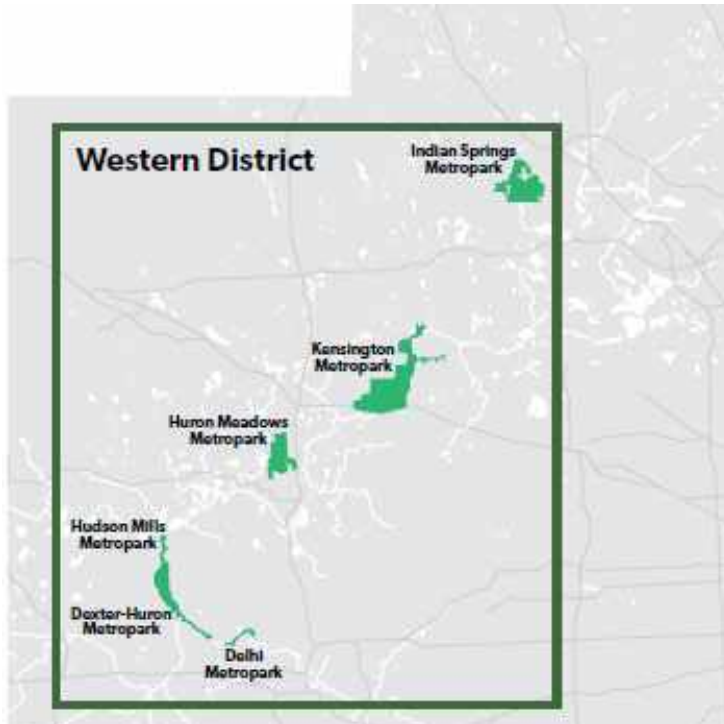
Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LEr	Lake Erie Shoreline Restoration Project	Spoil Pile Location	Ops . NR	October	Staff time	Archaeological services approved and underway.
	Adaptive Ballfield Concept Plan	Plan		2022	Staff time	Kick off meeting for ballfield concept at LH Woods Creek area planned on 5/5/22

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LEr	Marina building study	Large Facilities		2021	Consultant	Master planning concept design 75% completed by architect
Oak	NOAA Dam Removal Feasibility Study	Large Facilities		2023	Consultant	Great Lakes Fisheries Commission meeting on 5/2 to discuss cost estimates for proposed scope of work items

WESTERN DISTRICT






Dexter-Huron Metropark






WESTERN DISTRICT

Administrative





	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
Del	Border-to-Border trail design and construction	Large Facilities		Ongoing	Estimated Cost	Washtenaw County leading design efforts; attendance at meetings as necessary
MISC	Livingston County Parks and Open Space Advisory Committee	Partnership		Ongoing	Staff time	Attendance at regular POSAC meetings. Trail counter in place at Fillmore County Park. Data downloaded monthly
	Friends of the Lakelands Trail Steering Committee	Partnership		Ongoing	Staff time	Represent HCMA as a participating steering committee member that meet monthly

Grants/Fundraising


	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
Del	Skip's Livery improvements	Large Facilities		April 1, 2022	Staff time	DNR Trust Fund grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022.
KEN	Kubota Hometown Proud	Partnership		Ongoing	Staff time	Greenhouse and raised garden beds to replace community garden
ISp	CE Headwaters Restoration	Partnership		Ongoing	Staff time	Awarded project, project team meeting to discuss scope of work 5/11

WESTERN DISTRICT

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
Ken	2019 TF West Boat Launch Accessible Launch Project	Large Facilities		Ongoing	Staff time	Bids being reviewed and will be submitted to DNR for approval.
HMIlls	2019 TF Rapids View Accessible Launch Project	Large Facilities		Ongoing	Staff time	Construction underway. Aggregate base placed on upper and lower parking lots
DHu	2020 TF – Dex-Huron Accessible Launch	Large Facilities		Ongoing	Staff time	Engineering design adhering to Natural Rivers Permit requirement
HMe	Feasibility study for connection between Huron Meadows & Island Lake Rec Area	Plan		June 2021	Staff time	Final plan delivered. Meeting with MDOT planners being scheduled for May

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
	Off-leash dog area concept plan	Large Facilities		August	Staff time	Site selection phase underway reviewing optimal location in Western District

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
HMIlls	HMIlls Master Plan 5-Year Update	Plan	Various	2021	Staff time	master plan 5-year update steering committee meeting #1 completed

EASTERN DISTRICT



Stony Creek Metropark






EASTERN DISTRICT






Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
WMIII	Schmidt Property Acquisition	Land Acquisition		Fall 2020	Acquisition	Working on demolition of deteriorated barns and other structures on site.

Grants/Fundraising



	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
SCR	2022 LWCF/MNRTF- Stony Creek Reflection Trail Accessible Trail Development	Small Facilities		April 2021	Staff time	DNR Trust Fund and LWCF grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022.
LSC	Michigan Coastal Management Program Grant – Accessible Kayak Launch	Large Facilities	Various	Ongoing	Staff time	Grant agreements signed, ready for engineering design.
	Macomb County Birding Platform	Small Facilities		March 2022	Staff time	Conceptual birding platform final conceptual design completed by consultant. Planning site selection underway
	2022 LWCF- West Boardwalk Accessibility Improvements	Small Facilities		April 2021	Staff time	LWCF Fund grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022.

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
LSC	Transit Planning for Access to LSC	Large Facilities		2021 Completion	Consultant/Staff	Metropark Express launched to continue through 2022. Strategy in progress with SMART for continued marketing efforts and data reporting/analysis
	LSC Beach Restoration Project- Nonpoint Source Pollution Project	Large Facilities		2023 Completion	Staff time	QAPP being reviewed by EGLE. Meeting with USGS May 3rd
	Nature Trail wayfinding signage plan development	Small Facilities		July	Staff time	Development of a wayfinding plan for the nature trail system as a guide to update trail signage
SCR	Shelden Trails Redevelopment	Large Facilities		Ongoing	Staff time	Ribbon cutting video led by Marketing Dept. filmed on 4/29
	2019 TF – Off-leash Dog Area Development	Large Facilities		Ongoing	Staff time	Contractor work completed.mesh fencing and signs to be delivered for spring 2022.

EASTERN DISTRICT

Project Implementation/Oversight, Cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
SCr	Shelden Trails Signage Plan	Small Facilities	Mkting	3 months	Staff time	Mapping and signing of ski trails and intersection numbers completed
	26 Mile Connector Trail TAP Grant	Large Facilities		2022 Completion	Staff time	Bids received by Macomb County Dept of Roads and are within budget
	Mound Rd. north of fire station sidewalk easement	Small Facilities		2022 Completion	Staff time	Preliminary site plan approved. Easement review under legal review

Recreation Programming

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
	Planning for LSC swim lessons in 2022	Programming		2022	Staff time	Budget and job descriptions completed.

HCMA Studies/Initiatives

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
SCr	None					

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	May 2022 Actions
SCr	Baypoint Beach concept plans developed	Plan	Various	2021	Staff time	Preferred concept replacement of tent facility with event shelter

Grant Updates - May 2022								
In Progress								
Grant program		JV/MN	Project/Park	Amount	Match	Due Date	Applicant	Notes
Four County Community Found.		MN	SC & Wol Field Trips	TBD	-		MF	Working w/ JJ & staff to determine scope of project for 22/23 school year
RCWJ Foundation		JV	Trail Connectors/SEMTAT	TBD	TBD	TBD	MF	Priorities to MITSE, draft RFP in progress
SEMCOG Planning Assistance		JV	EV Infrastructure planning	\$40,925	\$9,075	5/27/2022	HCMA	TBD - Exploring partnership with Macomb County
DTE		JV	Efleet / Stony Creek?	TBD	TBD	TBD	HCMA	Details still pending
Grant Applications Awaiting Response								
Grant program	Project #	JV/MN	Project/Park	Award Amt	Match	Submitted	Applicant	Notes
GLRI-EPA Nonpoint Source		MN	Green Infrastructure @ LE	\$483,500	\$174,300	8/20/2021	HCMA	Updated per EPA adm. review; waiting for final award notification
NOAA GLs Fish Habitat Restor.		MN	Flat Rock Dam Feasibility	\$240,000	\$25,000	1/12/2022	GLFC	Part of larger GLFC grant; Oct award decision
DNR TF '22		MN	DEL Launch/Take-out Renovation	\$300,000	\$302,600	3/30/2022	HCMA	Passed administrative review; preliminary scores in early fall '22
Kubota Hometown Proud		MN	KFC Garden Renovation	\$100,000	-	4/15/2022	HCMA	Greenhouse & raised garden beds to replace community garden
Fed. Community Project via DOT		MN	Liv. Co. Connector Trails Design	\$900,000	-	4/22/2022	HCMA	Approp. request submitted thru Rep. Slotkin; may need 20% match
EDA - SEMCOG		JV	LSC North Marina	\$4,000,000	\$1,000,000	1/31/2022	HCMA	\$10,000 of match is in kind. Full cost is \$1,155,800. TF grant is for \$300,000, LWCF grant is for \$500,000. Cash match is \$825,800 and \$625,800 respectively with \$30,000 in in-kind engineering
LWCF 2022		JV	LSC West Boardwalk	\$500,000	\$701,200	4/1/2022	HCMA	
LWCF & MNRTF 2022		JV	Stony Creek Reflection Trail	See notes	See notes	4/1/2022	HCMA	
Grant Administration								
Grant program	Project #	Mgmt	Park/Project	Award Amt	Match	Deadline	Applicant	Updates
LWCF '18	50619.419	MN/JK	LH North Fishing Site	\$144,400	\$144,400	4/30/2022	HCMA	Final reimbursement submitted; waitng on DNR review
GLRI-FS '18	50219.688	MN/TM	LSC Black Cr Shoreline	\$160,211	-	12/31/2022	HCMA	Waiting on Twp. to share sewer line plans; some grading/planting this spring
Impact 100 - Oakland Co. '18		MN/PB	KFC Seeding Green Future	\$90,000	-	11/18/2022	MF	Creating hydroponic exhibit; discussing best use of remaining funds
MNRTF '19	50820.218	MN/JK	HMI Rapids View Launch	\$226,400	\$226,900	8/31/2022	HCMA	Construction in-progress; aggregate base being placed on upper/lower lots
LWCF '19	51120.114	MN/AS	Oak Access. Nature Trails	\$124,000	\$124,000	2/29/2024	HCMA	Project Agreement executed; design anticipated in Oct. '22
LWCF '20	50621.500	MN/?	LH WGr Campground	\$300,000	\$150,000	TBD	HCMA	Waiting on NPS agreement
MNRTF '20	50821.221	MN/KE	DxH Accessible Launch	\$192,700	\$192,800	5/31/2023	HMCA	Finalizing design plan
Ford Volunteer Corps '20		MN/KK	Oak Prairie Plantings	\$4,000	-	11/30/2021	MF	Half of native plugs planted; remaining will be planted spring '22
NFWF-SEMRF '21	51021.319	MN/TM	Wil Big Bend Area Restoration	\$250,000	\$177,859	6/30/2023	HCMA	FWS approved NEPA compliance docs.; project can move ahead
CFSEM Design and Access '20		MN/JB	Feasibility study US-23 bridge	\$47,000	-	4/22/2022	MF	PEA completed report; final report to CFSEM due in May
Ford Volunteer Corps '21		MN/KK	Wolcott Raised Garden Beds	\$7,500	-	11/30/2021	MF	Fence & ADA garden bed have been installed; developing new sign
PNC '21		MN/JJ	W. MLC Early Childhood Educ.	\$5,000	-	6/25/2022	MF	Programs well received; continues through early June; final report due 6/30
Towsley Foundation '21		MN/JJ	GOAL	\$5,000	-	12/31/2022	MF	Programming ongoing
Anonymous Foundation '21		MN/JJ	GOAL	\$10,000	-	7/31/2022	MF	Programming ongoing
NEEF-Toyota '21		MN/KK	Beach Wheelchairs	\$20,000	~\$5,000	10/31/2022	HCMA	PO for chairs went out 4/8; hoping for availability by Memorial Day
DNR TF '21		MN	LE Cherry Island Trail	\$300,000	\$192,500	TBD	HCMA	Project funded; awaiting project agreement from DNR
Consumers Energy Found.	90022.1159	MN	IS Headwater Restoration	\$100,000	-	TBD	HCMA	Meeting 5/11 to discuss scope & extent of project (TM, JB, JJ, MN)
DNR Iron Belle Trail	50529.126	JV/MH	LH IBT Design Engineering	\$82,075	\$23,400	9/1/2021	HCMA	PEA to do field engineering
MNRTF '19	50420.112'	JV/AS	Ken West Boat Launch Dev	\$154,000	\$154,000	8/31/2022	HCMA	Contractor approved at April BOC meeting
LWCF '19	51220.241	JV	LE Kayak Launch	\$122,500	\$122,500	6/1/2024	HCMA	Waiting for DNR to sign project agreement

MNRTF '19	50920.555'	JV/JK	SC Off Leash Dog Area	\$50,000	\$88,500	8/31/2022	HCMA	Fence being installed, all amenities ordered
TAP Grant		JV/JK	SC 26-Mile Connector Trail	\$214,455	\$43,000	12/31/2021	Macomb Co	Construction to begin in early May
Ralph C. Wilson Jr. Foundation		JV	Southern District	\$2,682,755	-	??	MF	Progress report submitted
REI		JV/KK	Rouge Park Prairie	\$10,500	-	12/31/2021	HCMA	Tour or prairie given to REI w/Friends of Rouge Park on 4/30
EGLE Non point source	50220.696	JV/NK	LSC Beach	\$300,000	\$100,000	12/31/2023	HCMA	QAPP is being reviewed by EGLE, meeting w/USGS on 5/3
EGLE - Recycling		JV/JB	Western & Southern Districts	\$48,816	\$12,204	9/29/2023	HCMA	4th quarterly report submitted
MNRTF '20		JV	LH IBT	\$300,000	\$416,766	6/1/2023	HCMA	Contractor approved at April BOC meeting
LWCF '20		JV	LH Off-Leash Dog Area	\$165,400	\$165,400	~ Summer '23	HCMA	Project agreement coming soon
Healthy Catalyst		JV	Adaptive Kayak equipment	\$2,950	\$0	10/30/2020	HCMA	\$166 left to spend. Trained Kensington staff on 8/6
REI	90020.1147	JV	Rouge Park Prairie	\$8,000	TBD	5/4/2021	MF	City of Detroit will build gravel lot; HCMA to provide materials
NOAA/Great Lakes Commission		JV/TM	Lake Erie Shoreline Restoration	\$1,449,609	\$135,194	extended	HCMA	Commonwealth doing spring work - other contracted work delayed
Renew MI - DRFC		JV	DRFC	\$1,000,000	N/A	4/30/2021	HCMA	second quarterly report submitted
MCMP		JV	LSC Accessible Launch	\$194,863	\$194,863	12/31/2022	HCMA	In design

Recreation Programs & Events- April 2022

Scheduled					
Program	Project/Park	Dates	Activity	Est # of Participants	Notes
DPSCD- Recreation Field Trips	LSC, Lake Erie, Oakwoods, Stony Creek	May 9-31	Disc Golf, Golf, Biking	480	7th grade students
Swim in the D swim lessons	Brennan, Adams Butzel, Heilmann	March- July	Swim lessons	750	Hosted by City of Detroit P & R, in partnership with DRC
Swim lessons and water safety- Washtenaw Co	Rutherford Pool- Ypsilanti	May- September	Swim lessons	300	Hosted by Friends of Rutherford pool
Swim lessons and water safety- Macomb Co	Mt Clemens YMCA	May- September	Swim lessons	175	Hosted by Mt Clemens YMCA
Metroparks Adaptive Recreation Clinics	Lower Huron & Lake Erie	May-October	Handcycling, Tennis, Softball, Football	100+	In collaboration with SportAbility
Big Fat Family Reunion	Willow	July 9th	Swim, Basketball, Hike, BBQ, Music	200+	In collaboration with DABO
Summer Solstice Junior Disc Golf clinic & tournament	Hudson Mills	June 18th	Disc Golf	72	In collaboration with A3 Disc Sports club, Big Brothers Big Sisters of Washtenaw County,
Adaptive Kayak	Stony Creek	August 4th	Adaptive kayaking	12+	In collaboration with Disability Network and Oakland Co Parks
Howl at the Moon MTB Festival	Stony Creek	October 1st	Mountain Biking	200+	In collaboration with CRAMBA, REI, SportAbility
In Progress					
Program	Project/Park	Dates	Activity	# of Participants	Notes
Cross Country Ski & Fitness clinic	Huron Meadows	Winter 2022/2023	Cross Country Ski		In collaboration with Ian Torchia, retired professional skier
Juneteenth event	Wayne Co	June 19/20	TBD		In collaboration with Wayne County Parks
Fishing clinics	Southern district	Summer 2022	Fishing		In partnership with Cabela's
Yoga in the park	Multiple	Summer/Fall 2022	Yoga		In partnership with Lululemon
Completed					
Program	Project/Park	Dates	Activity	# of Participants	Notes
DPSCD- Recreation Field Trips	Stony Creek, Oakoods, Lake Erie	March 9-16	Hiking	198	6th grade students
DPSCD- Recreation Field Trips	Oakwoods	April 13-15	Hiking	90	6th grade students, one high school
DPSCD- Recreation Field Trips	Stony Creek	April 21-29	Biking	300	High School students
Earth Day clean-up events	Mutiple	April 23 & 24	park litter clean-up	320	LSC, Lake Erie, Kensington, Stony Creek
Shelden Trails- Ribbon cutting video	Stony Creek		Celebration of new trails		In lieu of on-site event, video to highlight trail was produced

WHAT'S NEXT?

	Description	Action Type
SYSTEM WIDE	CAPRA documentation assembly	Staff time
	Eco Counter 2022 Season Deployment	Staff time
	DPSCD Recreation Field Trips	Staff time
	Swim in the D swim lessons	Staff time
EASTERN DISTRICT	Howl at the Moon MTB Festival	Staff time
WESTERN DISTRICT	Programming Evaluations	Staff time
	Hudson Mills Master Plan 5-Year Update	Staff time
	Summer Solstice Junior Disc Golf clinic and tournament	Staff time
SOUTHERN DISTRICT	Big Fat Family Reunion	Staff time
	Lower Huron Master Plan 5-Year Update	Staff time
	DPSCD- Recreation Field Trips	Staff time
	Metroparks Adaptive Recreation Clinics	Staff time





To: Board of Commissioners
From: Jennifer Jaworski, Chief of Interpretive Services
Subject: Report – Interpretive Services Department Monthly Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file Interpretive Services Department Monthly update as recommended by Chief of Interpretive Services Jennifer Jaworski and staff.

Attachment: Monthly Interpretive Services Department Update



HURON-CLINTON METROPARKS

INTERPRETIVE SERVICES MONTHLY REPORT

May 2022

Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)

PROGRAM/INITIATIVE IMPLEMENTATION

New:

- Supplemental science curriculum with DPSCD
 - Amy signed the MOU with DPSCD
- STEAM Club: Riverside Academy West
 - After school on Wednesday's
 - Building relationship with Science Curriculum Director with Global Education Excellence
- Staff training provided by Outdoor Therapy:
 - learn to support people who are neurodiverse or have cognitive or physical disabilities. They'll also help us learn how to support kids with challenging behaviors, social needs, sensory needs, and learning and communication differences.

Ongoing:

- 2022 SCECH's teacher training series
- Staff is participating in DEI training
- Evaluating teacher and public programming surveys
- Michigan Activity Pass
- Sensory Friendly backpacks available at Interpretive centers

COMMUNITY ENGAGEMENT

New:

- Eliza Howell: Discussing about assisting with interpretive text for signage

Ongoing:

- Detroit Riverfront Conservancy: 2022 programming
- Detroit Parks Coalition
 - setting schedule for 2022



PROGRAMMING

Ongoing:

- Get Out and Learn scholarships
 - Applications continue for spring programming
- In-person, Synchronous and Asynchronous school programming continues
- In-person outdoor programming continues, including “pop-up” programs
- Virtual programming continues



Kensington Farm Center: Start of new indoor greenhouse exhibit

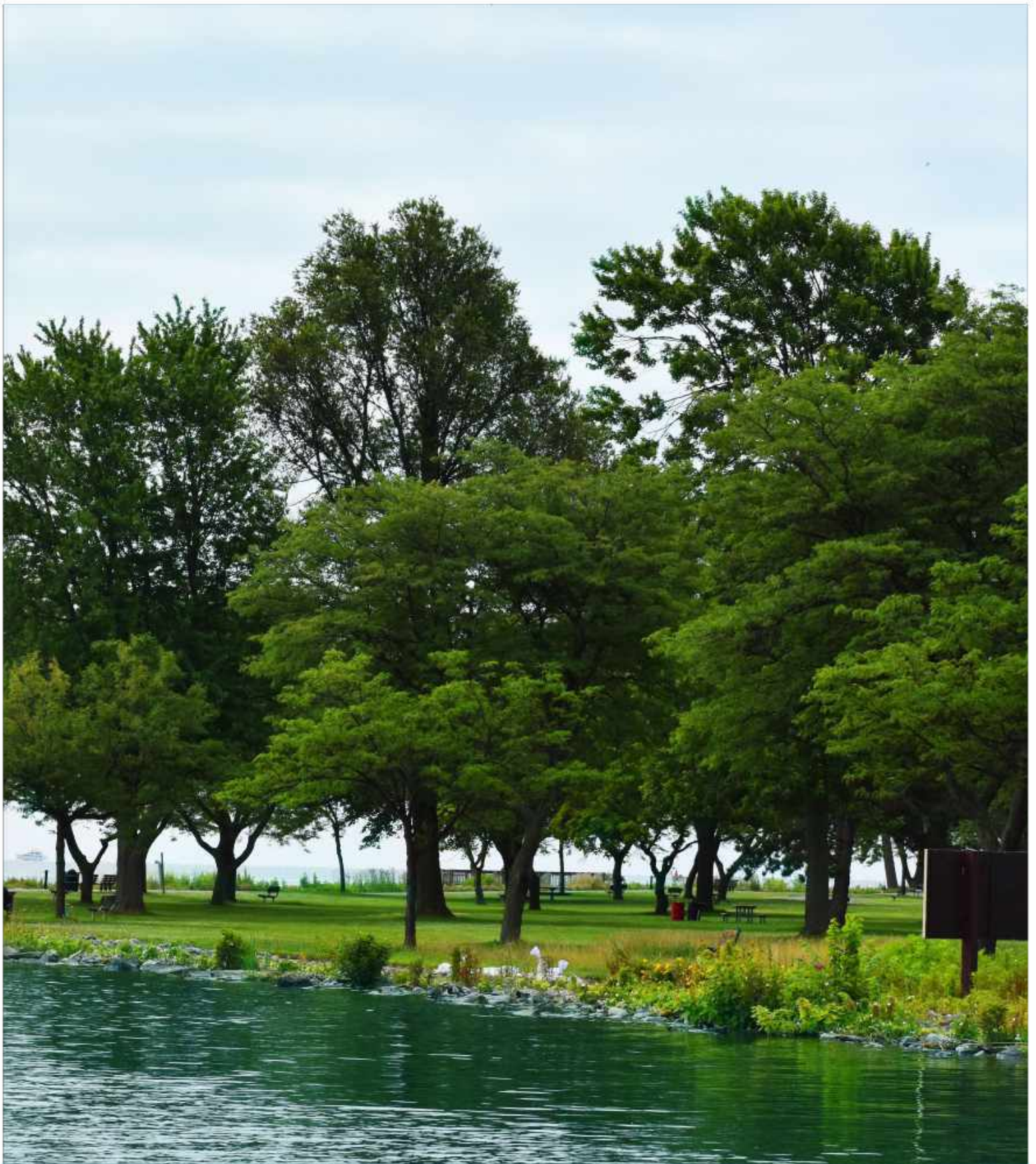
GRANTS

Ongoing:

- Lake Superior State partnership and NOAA Great Lakes Bay Watershed Education and Training (B-WET) program to engage students in water quality monitoring and stewardship at Lk. Erie Marshlands Museum
- PNC Early Childhood grant for the Western District Mobile Learning Center
- CMU and EPA grant partnership engaging students in water quality monitoring at Lake Erie Marshlands Museum
- Green Ribbon Initiative with The Nature Conservancy, this grant covers conducting programming that highlights Oak Openings and develop interpretive signage at Oakwoods Nature Center



Wolcott Mill Farm Center: Raised bed and fencing provided by Ford Grant





To: Board of Commissioners
From: Artina Carter, Chief of Diversity, Equity and Inclusion
Subject: Report – DEI Monthly Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the May 2022 DEI report as recommended by Chief of Diversity, Equity and Inclusion Artina Carter and staff.

Background: Most of April was dedicated to Tier 3 DEI Training. Tier 3 is for non-supervisory staff. Due to a timing issue in the DEI department, I will share the training surveys in the June report.

Attachment: DEI Report



DEI BOARD REPORT

May 2022



[METROPARKS.COM](https://www.metroparks.com)

DEI DEPARTMENT

MISCELLANEOUS

- Participated on interview panels
 - Interpretative Services
 - Lower Huron Park Maintenance Worker
 - Lower Huron Park Maintenance Supervisor
 - Police Officer (system wide)
 - Lake Erie Golf Course Supervisor
- Hosted Advisory Team Meeting
- Onboarded Danielle Macon
- Attended the Climate Action Plan team meeting
- Participated in the Internal Reporting Discussion
- Participated in the Operations meeting
- Participated in the Title IX Plaza meeting
- Researched presenters for DEI Cultural Awareness Series (Lotus Hike and planning for South Asian and Indigenous American Speaker)
- Participated in Juneteenth Meeting with Wayne County Parks
- Detroit Public School Community District (DPSCD) trip at Stony Creek with Katie Kowalski, volunteer and recreation services supervisor
- Board Meeting at Indian Springs
- DEI Training at Indian Springs
- Preliminary planning for future events (Mental Health awareness, Urban Gardening, Cultural Awareness talk on LGBTQ+)
- Completed Tier 3 DEI Training
 - 17 sessions
 - 357 employees

TOPICS COVERED IN PREVIOUS TRAINING SESSIONS

- The Business Case (the why) for DEI
- The difference between Equity and Equality
- What makes us feel included
- How we make others NOT feel included
- Communication
- What makes it easy and difficult to talk about DEI
- Comfort in social situations
- Trust
- Headwinds and Tailwinds
- Microaggressions
- Racial anxiety

DEI CONVERSATION WITH DR. PHILLIP WARSAW, Ph.D.



Join your Metroparks for a DEI conversation with Dr. Phillip Warsaw, Ph.D.

Dr. Warsaw is an Assistant Professor of Ecological Economics and Environmental Justice in the Department of Community Sustainability at Michigan State University. His research takes an interdisciplinary approach to questions of environmental justice, economic development, and sustainability, combining approaches from economics and the other social sciences. He holds a Ph.D. in Economics as well as a Masters in Environment and Resources from the University of Wisconsin-Madison.

In this virtual conversation, Dr. Warsaw will talk about the history of the Environmental Justice Movement, redlining, access to greenspace and offer solutions to address environmental injustice.

Pre-registration is not required.

Ages: 13 and up.

Time: 1 p.m. – 2:30 p.m.

Cost: FREE!

Location: ZOOM – Please click the link below to join the webinar:

<https://us02web.zoom.us/j/82921237380?pwd=UDNzNHdpdUUxa2pBdFBGaWxGSXArdz09>



To: Board of Commissioners
From: Danielle Mauter, Chief of Marketing and Communications
Subject: Report – Marketing Update
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file Marketing update as recommended by Chief of Marketing and Communications Danielle Mauter and staff.

Attachment: Marketing Update



HURON-CLINTON METROPARKS MARKETING REPORT

April 2022

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)

APRIL 2022

Hiring Promotions

Marketing has been working collaboratively with HR on several pieces that are being used to help promote hiring opportunities within the Metroparks. Those pieces include:

- Press release was sent on April 29 to promote new benefits and bonus for seasonal and part-time staff. It included mentions also of free lifeguard certification courses. It has been picked up by Crains and Fox 2 so far.
- new email signature options that include options that mention we are hiring and link to our hiring page.
- Flyers with a QR code to our hiring page that were shared with schools and partners to display in areas people might be looking for information on summer jobs. Other staff are welcome and encouraged to share these flyers with their own networks as well and help us reach new people and find great summer team members.
- Digital/social ads that started running the beginning of March.
- Emails blasts were sent on March 11 to our subscribers and those who completed our hiring barriers survey. Email blast will be sent again first week of May to promote new benefits added for seasonal and part-time staff.
- Organic social media posts will be posted throughout March, April and May. Please feel free to share them on your own personal pages and help us spread the word!
- HR will be placing a series of print ads in local publications with artwork that matches our digital/social ones.
- Amy and a handful of other staff attended a live broadcast and mini hiring event at DABO on April 2 to attract more application from Detroit audiences.
- Banners and signage placed at toll booths and select park entrances.

Partnership Communication Developments

Through April marketing staff worked on several joint and partnership communication plans including:

- The initial details of a Destination Downriver bike ride event with Tom from Under the Radar that would take a group of bike riders from Flat Rock to Lake Erie Metropark and back.
- The initial details of a ribbon cutting event for trail gateway signs in Flat Rock and Detroit that Metroparks interpretive and graphics staff partnered in creating last year.
- Communications around the Juneteenth event partnership with Wayne County Parks
- Communications around the multiple partnerships that are forming to address swim lessons and swim safety in the region.

- Communications around field trips and educational programs including Get Out and Play, Physical Education field trips with DPSCD and upcoming new efforts.
- Working with Natural Resources to share information with media if/when a prescribed fire is scheduled to take place at Rouge Park as part of that partnership.
- The groundbreaking event for Ralph C. Wilson Jr. Centennial Park.
- Sharing of virtual program videos with the Michigan Learning Channel (PBS) as part of their summer learning programming. Metroparks interpretive videos will be featured during their Creatures Week, July 11 – 17. One of our Tic-Tac-Toe activities will also be featured in their summer activity books. The MLC summer activity books will be distributed statewide to kids in grades PreK-6. There are three books: PreK-K, grades 1-3, and grades 4-6. The Metroparks piece will appear in the 4-6th grade book. A total of 35,000 of these will be printed and distributed statewide. About 20 percent of those will be the 4th-6th grade books. They will also be available online for free download and several school districts are considering printing them to distribute to students.

Other On-going Projects in April

- Finalizing five-county map brochure artwork. Will be printed and in-hand by mid-to-late May.
- Working with IT on website updates, event calendar entries and clean-up and getting information prepared and updated for busy season.
- Creating and adding projects and grant content to the website.
- Completing and sending ad artworks to station and publication reps for spring and summer campaigns.
- Finalizing Sheldon Trails doubletrack wayfinding signage and major trailhead signs as well as coordinating details of a highlight video that will be used with media to announce the completion of the redevelopment project after the May board meeting.
- Creating legislative informational support pieces.
- Working on joint communications for joint event with Detroit Association of Black Organizations – Our Big Fat Family Reunion at Willow Metropark. Event announcement coming mid-May.
- Collaborating with other departments on joint reporting efforts.
- Staff training and hiring.

Summer Programming Guide Campaign Updates

In April we presented the summer programming guide campaign and what it would include. We expected this campaign to reach at least 751,227 people throughout the region. Artwork has since been finalized, the digital version is in production, the printed versions are at print and everything is in order for the first distribution to be with Michigan Chronicle on May 11.

Marketing staff took the boards questions and feedback and did some further digging and consideration into the campaign because the concerns brought up were valid and worth looking into. We have since added some additional deliveries to the campaign:

- Some additional social media and digital ads placed outside of newspaper parent companies and targeted specifically at parents with children ages 2-12 that DO NOT

currently follow us on social media. Therefore, we are still targeting new potential visitors and these ads would still link to the request form to serve as list builder tool with a trackable URL for us to determine usage from that ad type.

- We found a printed publication called the Michigan Fun Pass that prints a single page folded piece that is distributed directly through the school district mailing system in select districts. This means it goes home directly in children's backpacks which is a delivery mechanism we have always been super interested in nailing down. We can't insert the entire guide into this particular delivery, but instead will have a double-sized ad about the summer guide with a trackable QR code to track usage and again sends them to the request form as a list builder tool. It is distributed to 100,000 pre-K – 8th graders in the Detroit Public School District, Macomb County Intermediate School District, some select other Detroit schools and Oakland County reading clubs through the Library Network.

These additional deliveries were relatively low cost and will allow us to measure engagement and impact in additional ways to find the better options for future years that we should focus more energy on. Counting the additional 100,00 print copies of Michigan Fun Pass, our anticipated reach has grown to over 851,227 people throughout the region and making the current distribution as follows.

Publication	Type	Insertion Publication Date or Run Date(s)	Distribution
Sun Times News	12-page print insert	18-May	16,000
Chaldean News	12-page print insert	June Issue	6,000
Ann Arbor Observer	12-page print insert	May 26 - June Issue	53,000
Metro Times	12-page print insert	18-May	20,000
Michigan Chronicle	12-page print insert	May	23,600
Macomb Daily, Oakland Press, News Herald	12-page print insert and digital accompanying ads	15-May	173,753
C&G News (Journal, Novi Note, St. Clair Shores Sentinel, Grosse Pointe Times)	1 page print insert with QR code	25-May	98,825
La Prensa	Traditional print ad	20-May	80,000
Washtenaw Jewish News	Traditional print ad	June Issue - 6/1	4,000
Latino Press	Traditional print ad and digital accompanying ads	20-May	15,000
Record Newspaper	Traditional print ad	18-May	5,000
Detroit Jewish News	Traditional print ad and digital accompanying ads	May 19 - print; may & June (60 days) - digital	
Livingston Daily	Traditional print ads (3) including front page ads	May 22, 26 & 27; May 29, June 2 & 3	4067 - weekday, 6049 - Sunday
Downtown Monitor	Traditional print ad	TBD	
Michigan Fun Pass	Print ad	June	100,000
Social ads to non-followers	Social ads	May 15 – June	TBD
Detroit Free Press	Digital sponsored content article with links	TBD	no less than 250,000 impressions
Little Guide Detroit	Digital sponsored content article with links	TBD	
TOTAL REACH POTENTIAL			851,227





To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Financial Review
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the monthly Financial Review as submitted by Chief of Finance Shedreka Miller and staff.

Attachment: Monthly Financial Review



HURON-CLINTON METROPARKS APRIL FINANCIAL RECAP

MAY 2022

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)

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EXECUTIVE SUMMARY

APRIL 2022 FINANCIAL RESULTS

Tax revenue collections in April were strong and remain higher than 2021 figures. We have collected 93 percent of taxes owed in 2022 compared to 87 percent collected in 2021. It is expected that all revenue will be collected.

2022 tolling has decreased for both daily and annual sales in comparison to 2021. April daily permit sales are 26 percent lower than 2021 and 7 percent higher than pre-pandemic 2019. April annual permit sales are 5 percent lower than 2021 and 4 percent lower than 2019. YTD tolling decreased \$1,020,617 or 27 percent compared to 2021.

2022 tolling and golf combined to produce 78 percent of April park operating revenue. Tolling generated \$1.0 million and golf added nearly an additional \$430,000. Shelter reservations, dockage/boat storage, joint government maintenance and disc/adventure golf revenue made up most of the remaining April revenue. Combined these four activities produced over \$313,000 to push April revenue over the \$1.8 million mark.



Keep in mind that the Metroparks had an exceptional year in 2021 as far as revenue is concerned. Total operating revenue for 2021 exceeded the budget by \$3.9 million or 19.2 percent. As a result, the year over year comparison may not reflect an objective projection for 2022. A five-year average has been added to the data to provide a more realistic benchmark.

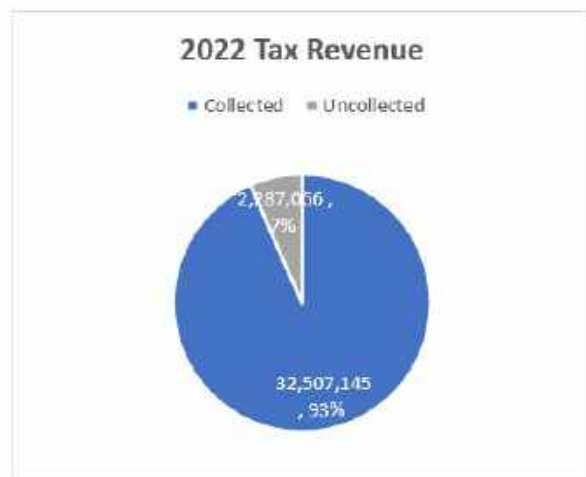
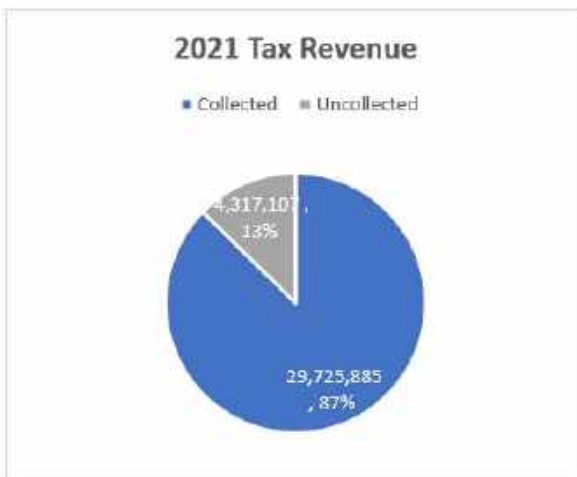
Overall, year-to-date general fund expenditures are up \$2.3 million or 12.5 percent over 2021. There was a \$2.3 million increase in expenditures related to Capital Improvement Projects compared to 2021. Most of this increase is related to a board approved Capital Improvement Project at Turtle Cove.

In summary, the Metroparks continue to find ourselves well positioned financially. Revenues remain strong, are higher than the five-year average, and expenditures remain within planned budgets.

ADMINISTRATIVE REVENUE

Metroparks administrative revenue consists of all revenue sources that are not generated directly by park operations. Tax revenue accounts for the vast majority.

At the end of April, total tax revenue recognized by the Metroparks increased from 2021 by \$745,000. Fortunately, the amount of revenue collected as of April month end has increased compared to April 2021 month end. In 2021 we had collected 87 percent of taxes owed. In 2022 that amount is higher at 93 percent.



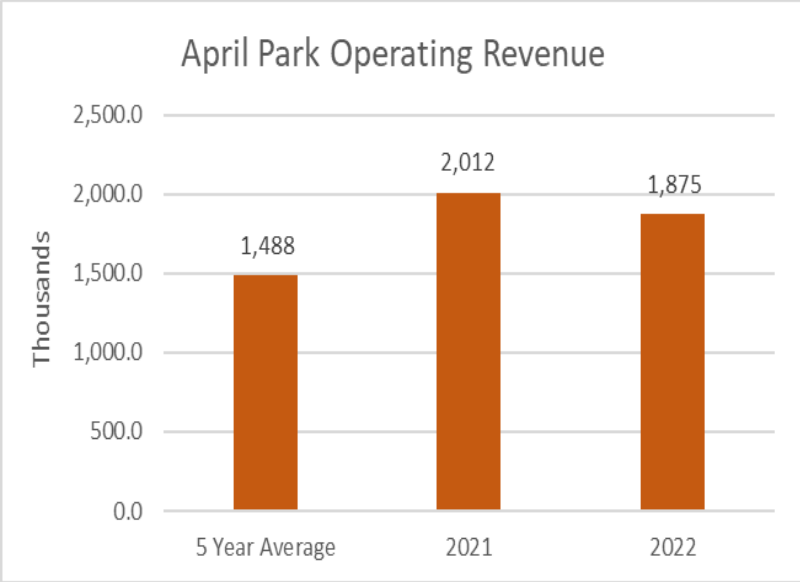
PARK OPERATING REVENUE

BY ACTIVITY

The parks generated \$1.9 million in revenue during April 2022 compared to \$2.0 million in 2021. The five-year average for operating revenue is \$1.5 million.

April park operating revenue decreased \$136,000 or 6.8 percent compared to 2021 and increased \$387,000 or 26 percent compared to the five-year average. A portion of the decrease in operating revenue is weather related.

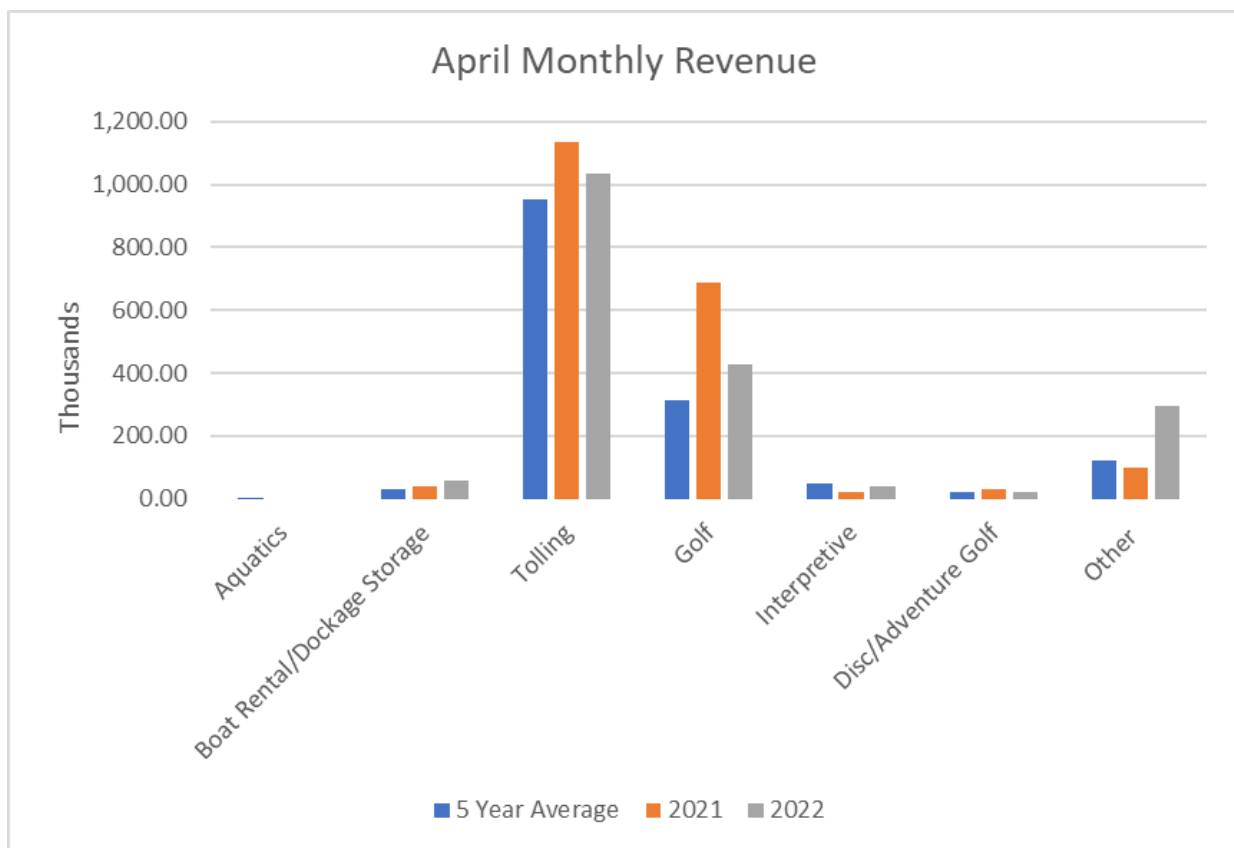
The weather was warmer in April 2021 by an average of five degrees.



Breaking down park operating revenue by the activity, the most significant source of revenue is tolling. However, the \$1.0 million generated was lower than 2021 by \$101,000 or 9 percent and higher by the five-year average by \$81,000 or 9 percent.

The golf and other categories were the second and third largest source of operating revenue for the month. The other category consists of special events, camping, shelter reservations, facility rentals, and any additional leases/rentals.

Golf revenue was \$259,200 or 38 percent lower than 2021 and \$114,200 or 36 percent higher than the five-year average. Other operating revenue was \$195,800 or 197 percent higher than 2021 and \$173,800 or 144 percent higher than the five-year average.



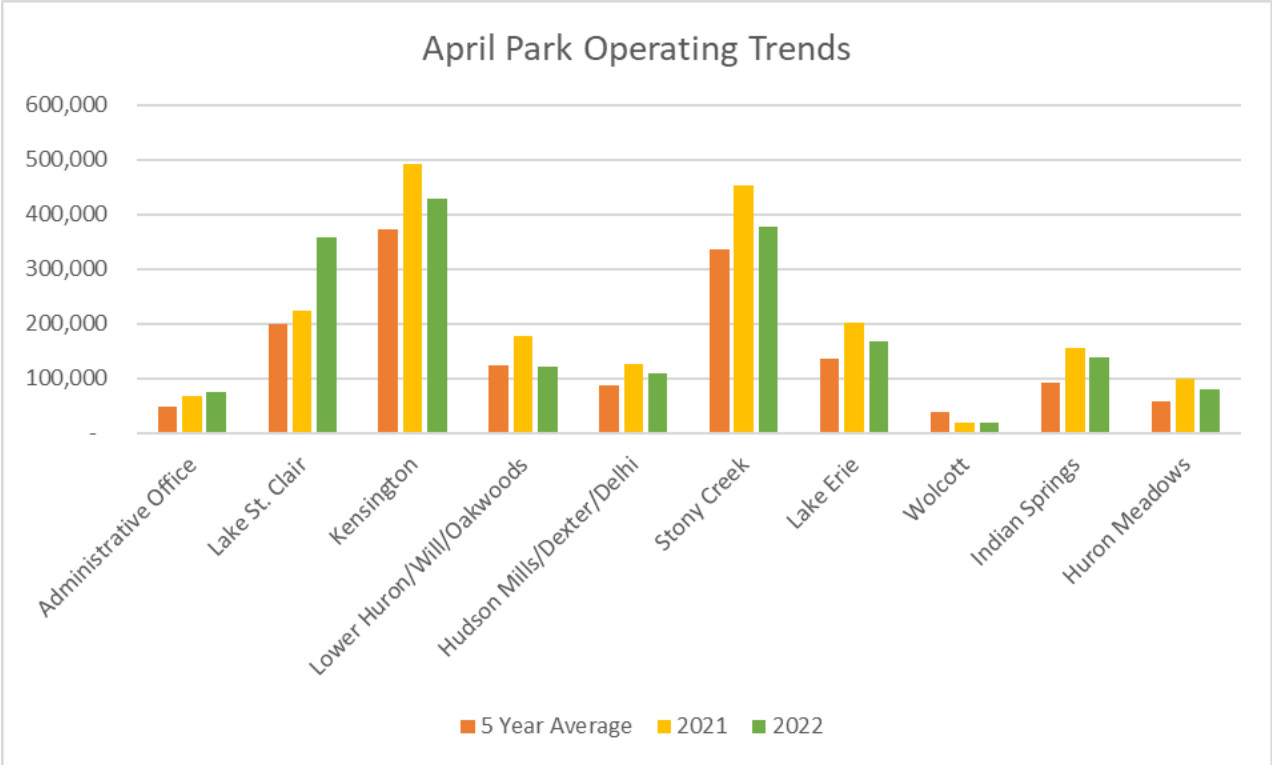
BY LOCATION

April 2022 park operating revenue decreased compared to 2021 and increased compared to the five-year average. The parks generated \$1.9 million in operating revenue during April 2022 compared to \$2.0 million in 2021 and \$1.5 million for the five-year average.

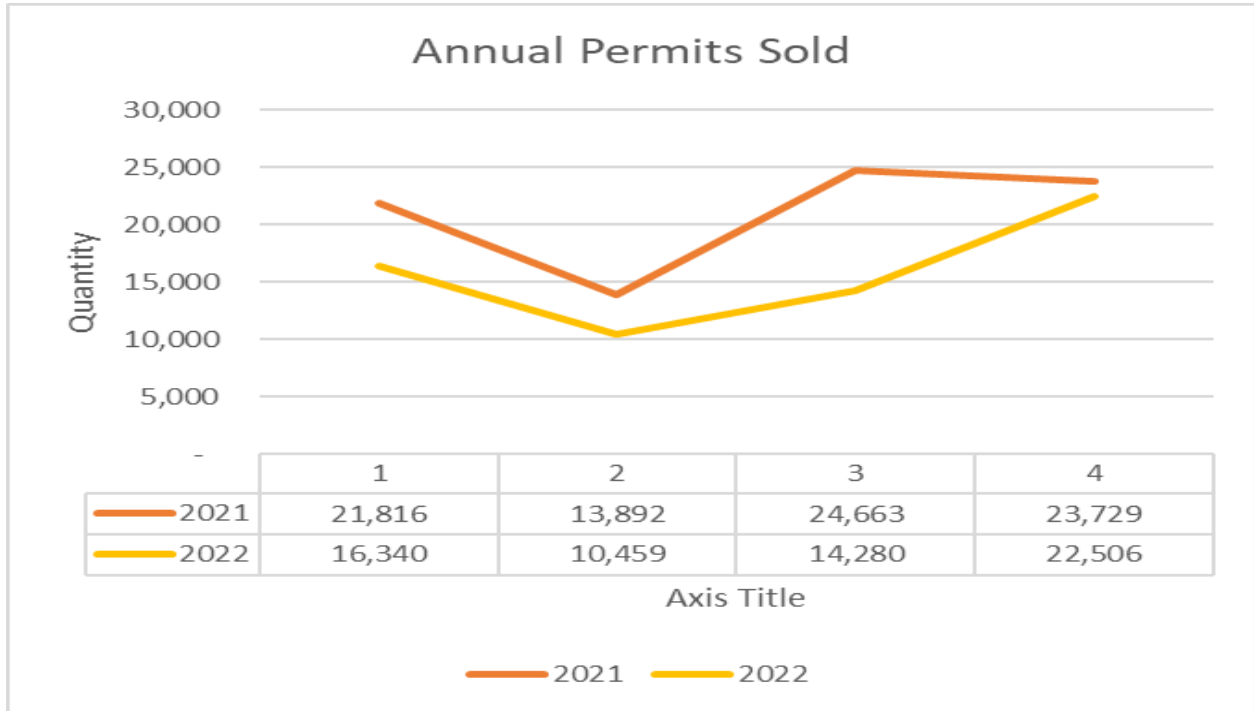
April 2022 operating revenue in total decreased compared to April 2021 by 136,580 or 6.8 percent and increased compared to the five-year average by \$386,808 or 26 percent. Kensington, Stony Creek, and Lake St. Clair generated the most revenue for April 2022. April operating revenue for Kensington, Stony Creek and Lake St. Clair was \$427,421, \$378,152, and \$357,540.

In the chart below, the variance between 2022 and 2021 numbers ranges between an increase of \$135,235 (68 percent) and a decrease of \$73,772 (22 percent). The variance between 2022 and the five-year average ranges between an increase of \$157,271 (79 percent) and a decrease of \$21,004 (54 percent).

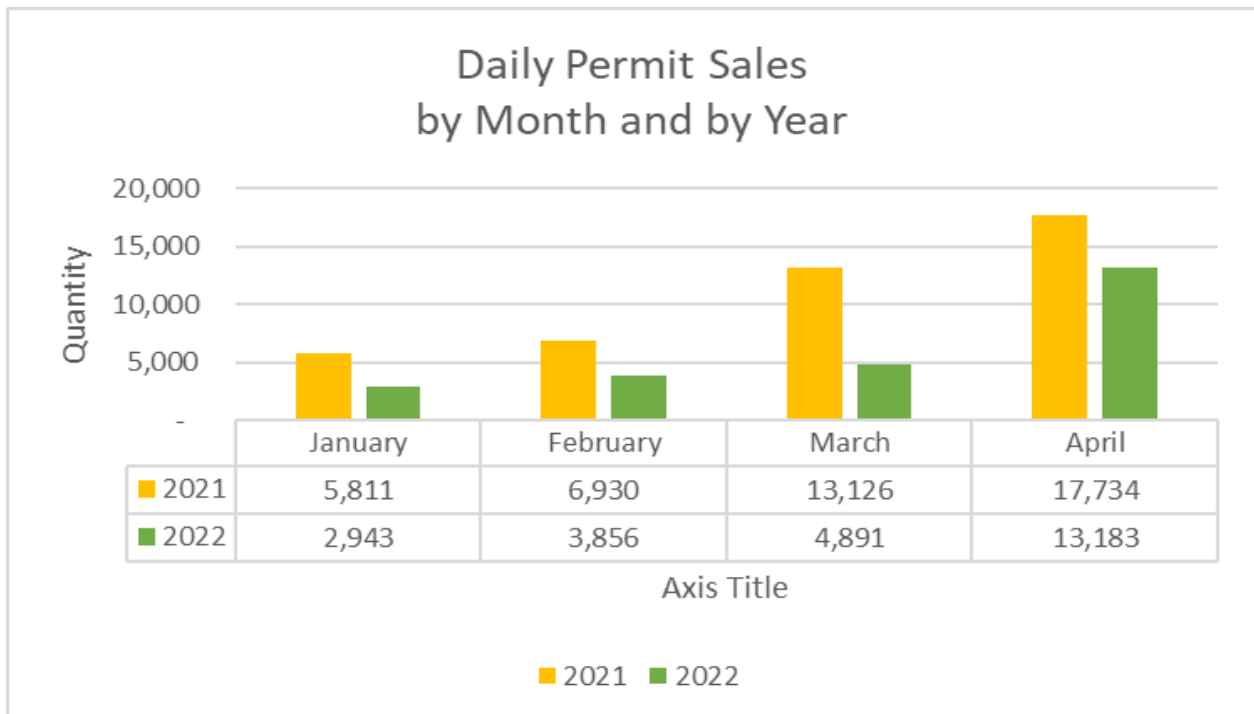
The changes are reflected in the chart below:



The following charts graphically represent the trends and shifts in annual and daily permit sales. Year-to-date annual permit sales for 2022 are down 24 percent from 2021. Keep in mind that the Metroparks had an exceptional year in 2021 as far as revenue is concerned.



Daily permit sales in April decreased 26% compared to 2021.



Considering year-to-date revenue, the parks continue to show a decline in revenue compared to the prior year. However, year to date revenue is still higher than the five-year average. The pie charts below have been updated to compare the amount of revenue earned at the end of April to the budgeted revenue not yet earned.



At the end of April 2022, we have generated 19.4 percent of budgeted operating revenue earned. We were around 27.6 percent and 19.1 percent for 2021 and the five-year average.

EXPENDITURES

ADMINISTRATIVE OFFICE

Overall, year-to-date Administrative Office expenditures are ahead of 2021 by \$270,860 or 9 percent. The increase is primarily related to the Huron Meadows trail connectors study, the five-year community recreation plan study, IT equipment/upgrades, and a timing difference regarding a MMRMA insurance payment.

MAJOR MAINTENANCE AND CAPITAL

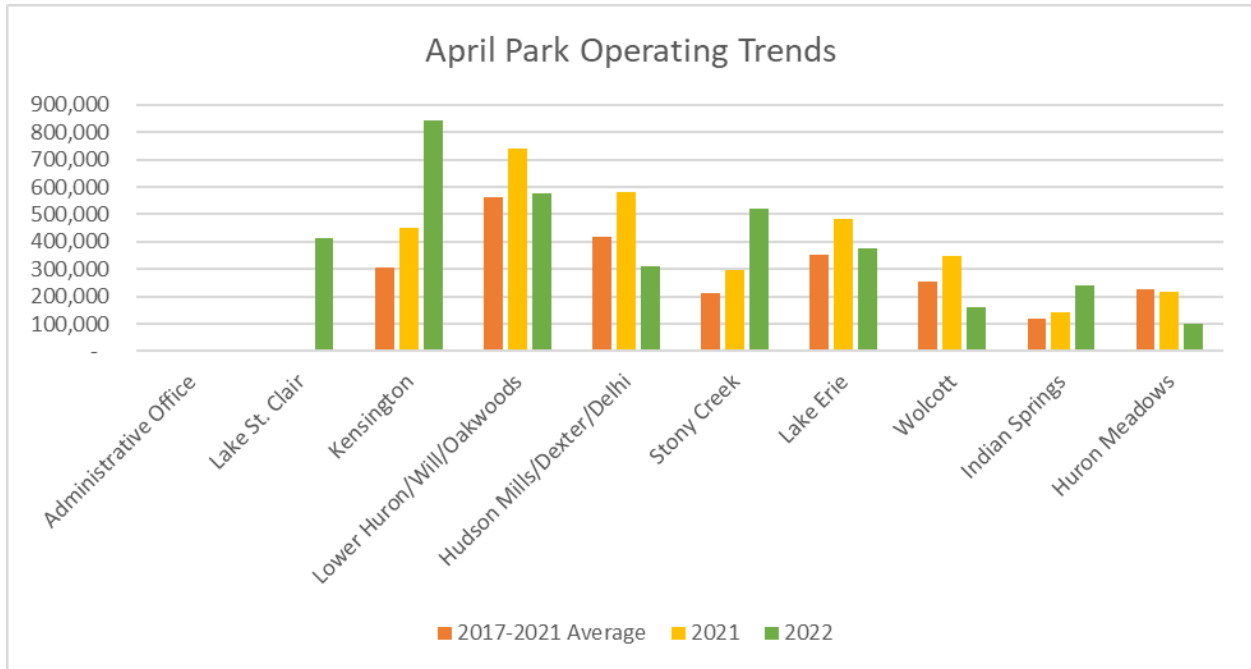
Approximately 65 percent of planned capital equipment and land acquisition purchases have been either paid for or encumbered. Payments during the month of April totaled \$90,952 or 3.6 percent of the budget.

As of the end of April, 19 percent of major maintenance projects have been either received or contracted for. April payments for major maintenance totaled over \$27,583 or .6 percent of the annual major maintenance budget.

PARK OPERATIONS

Overall, year-to-date park operation expenditures are \$635,276 or 7.1 percent higher than the 2021 year-to-date level. \$404,523 of this variance is related to a timing difference regarding a MMRMA insurance payment. This timing difference is expected to go away in May 2022.

Looking at individual parks for the month of April, the variance in operating expenditures between 2022 and 2021 ranges between an increase of \$412,245 and a decrease of \$271,802.



At the end of April, we have used 24.7 percent of the annual budget, in 2021 the amount was 24.3 percent and 23 percent for the five-year average.





To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Draft Revenue Policy
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners review the draft Revenue Policy as presented by Chief of Finance Shedreka Miller and staff.

Fiscal Impact: There is no fiscal impact.

Background: The revenue policy is a requirement for CAPRA accreditation.

The revenue policy provides guidance so that the Metroparks will strive to develop and maintain a diversified and reliable revenue stream to avoid becoming overly dependent on any single type of revenue. Overall, the policy provides standards for revenue goals, refunds, returned checks and program fees. Lastly, the policy states that all Metroparks fees and charges will be reviewed and approved by the Board on an annual basis. Staff will bring a final version of the Revenue Policy to the Board for approval at the June meeting.

This document was reviewed by Miller Canfield and includes all suggested revisions.

Attachment: Draft Revenue Policy



HURON-CLINTON METROPOLITAN AUTHORITY
BOARD OF COMMISSIONER POLICY

Effective Date:

Supersedes Policy Dated:

REVENUE POLICY

Statement of Philosophy

The Huron-Clinton Metropolitan Authority's (Metroparks) mission is to bring the benefits of parks and recreation to the people of Southeast Michigan. All the people. All their lives. In that regard, the principle of the Metroparks' revenue policy must be to efficiently offer diversified recreational services and to ensure that all people have equitable opportunity and choice in participation with a fee structure that also helps ensure the continuity of the Metroparks.

The Metroparks must also be sensitive to the balance between the desire to provide facilities and services and its ability to have financial resources to develop and operate those facilities and services. To this end, the Metroparks will strive to develop and maintain a diversified and reliable revenue stream sufficient to ensure the proper operation, maintenance, and administration of Metroparks facilities and services, development and perpetuation of the Metroparks, and the preservation of the financial integrity of the Metroparks.

The Metroparks largest single source of revenue remains the operating millage covering the five-county region. Fees, charges, grants, donations, and other revenue are additional sources of revenue necessary to support the Metroparks. Fees must be evaluated prior to submitting them to the Board of Commissioners for approval.

The Metroparks will determine and monitor program and service fees on a program by program basis, for both resident and nonresident participants considering defined goals and subject to the approval of the Metroparks Board of Commissioners.

Review Schedule

The Executive and Finance departments will annually review the revenue policy prior to submitting the fees and charges for the following fiscal year budget to the Board of Commissioners for approval.

Goals

Per the Board approved – Statement of General Policies, "Special facilities within the recreational areas for which charges are to be made should be planned on a self-supporting basis whenever possible." And recognizing that to some extent the revenue generated by the property tax levy supports all Metroparks functions, fees should be established that cover a varying range of costs.

The determination as to what level of support should come from fees versus other sources should be based on the defined service level.

The Metroparks should also establish user fees that encourage the people of our region to make use of the Metroparks facilities and resources.

Service Definitions

Basic services are activities/facilities that are available to the community. They promote physical/mental well-being and provide clean and attractive parks/buildings. There is no additional revenue generated from these facilities or activities outside of general tolling.

Examples of Basic Services

- Use of open space, trails, or playgrounds
- All park uses outside of special services
- Park planning, maintenance, or capital improvements
- General park administration

Public services are defined as services or products whose primary benefits are for the public at large. Typical public goods are openly available to all residents on an equal basis and there is little individual consumptive use of the service or product. Because public services usually provide open, unrestricted access, non-consumptive use, and general community well-being there is usually zero or a nominal associated fee. Costs for these services/events are subsidized by the operating millage but may have some direct fee generation.

Examples of Public Services

- Summer concerts
- Family movie nights
- Fireworks
- Interpretive and school programming
- Group Camp

Special Services would normally have a fee associated with them. These services are generally for the benefit of an individual or a group. It is anticipated that the variable operating costs associated with the program would be covered by the revenue generated along with some portion of the fixed operating costs. Major maintenance, capital costs, and general administrative/overhead costs would be less likely to be offset by fee revenue.

Examples of Special Services

- Golf
- Equipment Rental
- Aquatic Facilities
- Facility Rental
- Food Concessions and Sundry Sales

Cost Definitions

Variable Operating Costs are direct costs of conducting a program or operating a facility. These costs will increase, or decrease based on usage of the facility, although the relationship may not be direct. For example, there may be minimum staffing for the facility to be open but increasing attendance from zero to 500 may not require additional staffing. Other examples may be materials for a program that have a one-to-one relationship between cost of the program and participation numbers.

Fixed operating costs are indirect costs of conducting a program or operating a facility. They would continue to be incurred at some level whether the program continued or not. They may fluctuate somewhat, but not in a directly identifiable way. For example, even if a facility is closed there may be utility charges associated with the building. Similarly, a facility will need to be insured even if there is not activity taking place.

Major Maintenance/Capital Costs are the cost of developing and ensuring that a facility continues to be in existence. It is not anticipated that the fees and charges associated with these cost centers would contribute enough to cover these costs.

Calculating Fees and Charges

The Metroparks chart of accounts provides cost centers to assist with Cost Accounting studies to help support or determine fees and charges. Cost studies will be a factor in determining fees and charges but not the sole factor.

Fixed operating costs of a cost center will be included to a lesser extent than variable operating costs when calculating the applicable fees and charges. Major maintenance, capital and depreciation costs on capital assets will be considered but not expected to be covered by fees and charges.

Commercial use of Facilities

Requests for commercial use of facilities is limited to times that will not impact general public use.

Commercial Photography

All requests for commercial photo shoots must be submitted on the application for commercial photography and comply with all aspects of the rules. Photo shoots are not permitted on weekends or holidays.

Refund Policy

In most instances, a refund will be provided if requested prior to the event. Some facility rentals require sufficient time to allow the Metroparks to re-rent the facility.

All cancellations initiated by the Metroparks, or related to a pandemic or unforeseeable event, will result in a full refund being issued.

A full refund may also be granted at the sole discretion of the Director or Deputy Director if the patron is dissatisfied with the Metroparks performance related to the activity or facility.

A cancellation/processing fee ranging between \$25-\$50 will be charged for the cancellation of an event at campgrounds, group camps, group bookings, event rentals, indoor reception venues, marina and boat storage, picnic shelters and other facility rentals.

Returned Checks

All returned checks will be assessed a \$25 service fee.

Adopted by the Board of Commissioners: _____



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – 2021 Pension Valuation, GASB 67/68 and 2022 Contribution
Date: May 6, 2022

Action Requested: Motion to Receive and File / Approve Contribution

That the Board of Commissioners (1) receive and file the Annual Actuarial Valuation and GASB Statement No. 67 and No. 68 Report; and (2) approve the 2022 Pension contribution at the annual required contribution amount of \$2,445,580 as recommended by Chief of Finance Shedreka Miller and staff.

Fiscal Impact: The 2022 General Fund Budget includes \$3.2 million for funding of the defined contribution Huron-Clinton Metropolitan Authority Employees' Retirement Plan. A contribution of \$2,445,580 will result in savings of \$754,420.

Background: The Pension Committee is expected to support making this recommendation at their meeting preceding the May Board meeting.

The actuarial valuation of the Authority's Pension Plan as of Dec. 31, 2021 was performed by Gabriel, Roeder, Smith & Company (GRS). To remain in compliance with Governmental Accounting Standards Board Statement (GASB) No. 67 and No. 68 additional work was completed. The reporting related to these statements is attached.

The actuarial valuation process calculates the required contribution to adequately fund the Authority's pension costs for the 105 active participants for the 2021 Pension Plan Year. Based on an update of employee census data for 2021 wage/service levels, plan benefits and asset values, GRS is recommending a contribution of \$2,445,580. This represents a decrease of \$280,368 (10 percent) from the recommended contribution for the 12-month period ending Dec. 31, 2020 of \$2,725,948. With this contribution the Funded Ratio will increase to 80.2 percent, an increase of 3.7 percent.

During development of the 2022 general fund budget it was anticipated that the annual required contribution would be \$3.2 million. We are asking that only the recommended contribution be made at this time resulting in budgetary savings of \$754,420. Should current revenue and expenditure trends improve, an additional contribution may be considered later in the year.

In addition, active participants in the plan contribute 1 percent of covered wages to the pension plan. This amounts to approximately \$81,000 annually. Historically the Metroparks have not counted this amount as part of the annual required contribution and have instead treated it as additional funding.

Attachments: Employees' Retirement Plan Annual Actuarial Valuation GASB 67/ 68

Huron-Clinton Metropolitan Authority Employees' Retirement Plan

Annual Actuarial Valuation and GASB Statements No. 67
and No. 68 Plan Reporting and Accounting Schedules
December 31, 2021





April 25, 2022

Huron-Clinton Metropolitan Authority
Employees' Retirement Plan
Brighton, Michigan

**Re: Huron-Clinton Metropolitan Authority Employees' Retirement Plan Actuarial Valuation
as of December 31, 2021**

Ladies and Gentlemen:

The results of the December 31, 2021 Annual Actuarial Valuation of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan are presented in this report.

This report was prepared at the request of the Authority and is intended for use by the Authority and those designated or approved by the Authority. This report may be provided to parties other than the Authority only in its entirety and only with the permission of the Authority. GRS is not responsible for unauthorized use of this report.

The purpose of the valuation is to measure the Plan's funding progress, to determine the employer contribution rate for the fiscal year ending December 31, 2022, and to provide actuarial information in connection with applicable Governmental Accounting Standards Board (GASB) Statements. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

The contribution rate in this report is determined using the actuarial assumptions and methods disclosed in Table 6 of this report. This report includes risk metrics on page 4 but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through December 31, 2021. The valuation was based upon information furnished by the Authority concerning Retirement Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Authority.

This report was prepared using assumptions adopted by the Board. All actuarial assumptions used in this report are reasonable for the purposes of this valuation. Additional information about the actuarial assumptions is included in Table 6 of this report.

This report was prepared using our proprietary valuation model and related software, which in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.


This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board.

James D. Anderson and Laura Frankowiak are experienced in performing valuations for public retirement systems, are Members of the American Academy of Actuaries (MAAA), and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

The signing actuaries are independent of the plan sponsor.

Gabriel, Roeder, Smith & Company will be pleased to review this valuation and report with the Retirement Board and to answer any questions pertaining to the valuation.

Respectfully submitted,
Gabriel, Roeder, Smith & Company



James D. Anderson, FSA, EA, FCA, MAAA



Laura Frankowiak, ASA, FCA, MAAA

JDA/LF:bd

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A. Basic Data

Data necessary for the valuation was provided to us by the Authority for employees who are covered under the Plan as of December 31, 2021. Table 4 sets forth a distribution of the 105 active employees. In addition, there are 184 retirees and beneficiaries and 15 terminated vested employees included in this valuation. This compares with 118 active participants, 171 retirees and beneficiaries, and 17 terminated vested employees valued in the previous valuation of December 31, 2020.

B. Plan Provisions

This valuation is based on the provisions of the Plan as of December 31, 2021 which are summarized in Table 5.

Plan funding is provided through a combination of Authority contributions and income from invested assets. The December 31, 2021 actuarial value of assets is developed in Table 2. The actuarial value of assets is \$71,688,431 as of the valuation date.

C. Valuation Results

The more detailed results of our valuation are presented in Table 1. In Section A of the table, we show the number of covered employees, total annual earnings, average annual pension for current retirees and beneficiaries, and actuarial accrued liability based on the Plan in effect on December 31, 2021.

Section B contains the calculation of the recommended contribution on a closed 30-year funding basis. This funding basis amortizes the effect of Plan improvements, gains and losses, and changes in assumptions over 30 years with 19.75 years remaining as of the valuation date. Gains and losses are not separately amortized. The recommended contribution based on the December 31, 2021 valuation is \$2,445,580 a decrease of \$280,368 from the 2020 valuation result.

One way in which the Plan's experience impacts the cost is the effect on the unfunded accrued liability. This is referred to as the experience gain or loss for the year. There was a net gain to the plan of \$244,880, as shown in Table 3. The primary source of the gain was due to asset gains being phased in from 2017, 2019, 2020, and 2021. Partially offsetting the gain were: the removal of less retirees than expected and larger than expected pay increases.

For the plan year ending December 31, 2021, the return on the market value of assets was 9.57%. Asset gains or losses are not recognized immediately in the funding value of assets, but rather are spread equally over a 5-year period.

This report reflects the still-developing impact of COVID-19 through December 31, 2021. The pandemic is likely to influence demographic and economic experience, at least in the short term. We will continue to monitor these developments and their impact on the Retirement Plan. Actual experience will be reflected in each subsequent funding valuation, as experience emerges.

C. Valuation Results (Concluded)

Table 7 has been prepared to show a comparison of the December 31, 2021 valuation results with the results from the prior valuation. The recommended contribution developed in the December 31, 2020 valuation for the Fiscal Year ending December 31, 2021 was \$2,725,948. The recommended contribution for the Fiscal Year ending December 31, 2022 equals \$2,445,580. The funded status has increased from 76.45% last year to 80.19%. On a market value of assets basis, the contribution would be \$2,126,482 and the funded status would be 84.23%.

The Pension Committee of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan confirms that the Plan provides for payment of the required employer contribution as described in Section 20m of Michigan Public Act No. 728.

We also note that GASB Statement Nos. 67 and 68 are effective for the fiscal years beginning after June 15, 2013, and June 15, 2014. This information is shown in the Appendix of this report.

D. Actuarial Disclosure

The computed contribution shown on page 5 may be considered as a minimum contribution rate that complies with the Authority's funding objective. Users of this report should be aware that contributions made at the rate do not guarantee benefit security. Given the importance of benefit security to any retirement system, we suggest that contributions to the System in excess of those presented in this report be considered.

E. Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded ratio requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability, the actuarially determined contribution and the funded ratio that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- **Investment Risk** – actual investment returns may differ from the expected returns;
- **Asset/Liability Mismatch** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
- **Contribution Risk** – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
- **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
- **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
- **Other Demographic Risks** – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise, if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

E. Risk Commentary (Concluded)

PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>
Ratio of the market value of assets to total payroll	9.35	7.80	7.07	6.19	6.47
Ratio of actuarial accrued liability to payroll	11.10	9.84	9.17	8.98	8.51
Ratio of actives to retirees and beneficiaries	0.57	0.69	0.74	0.75	0.82
Ratio of net cash flow to market value of assets	-0.4%	-1.1%	-1.6%	-2.4%	-1.9%

RATIO OF MARKET VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 6.0 times the payroll, a return on assets 5% different than assumed would equal 30% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

RATIO OF ACTIVES TO RETIREES AND BENEFICIARIES

A young plan with many active members and few retirees will have a high ratio of active to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A super-mature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

ADDITIONAL RISK ASSESSMENT

Additional risk assessment is outside the scope of the annual actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.

Table 1

Summary of Results

A. Basic Data, Unfunded Actuarial Accrued Liability and Annual Normal Cost as of December 31, 2021

1. Active Participants	
(a) Number	105
(b) Total Annual Earnings	\$ 8,050,343
(c) Average Annual Earnings	\$ 76,670
2. Retired Participants	
(a) Number	184
(b) Average Annual Pension	\$ 27,714
3. Actuarial Accrued Liability	
(a) Active Participants	\$33,624,661
(b) Retirees	54,420,866
(c) Terminated with Vested Rights	1,348,125
(d) Total	89,393,652
4. Actuarial Value of Assets as of December 31, 2021*	\$71,688,431
5. Unfunded Actuarial Accrued Liability on December 31, 2021	\$17,705,221
6. Funded Ratio	80.2%

B. Determination of Recommended Contribution

1. Annual Normal Cost	\$ 878,932
2. Amortization Payment (19.75 years)	\$ 1,566,648
3. Recommended Contribution **	\$ 2,445,580

* See Table 2.

** Please note that this is the total recommended contribution and should be reduced by any expected member contributions to determine the amount of employer contribution.

Table 2
Development of Actuarial Value of Assets

Year Ended December 31:	2020	2021	2022	2023	2024	2025
A. Funding Value Beginning of Year	\$62,420,987	\$66,503,363				
B. Market Value End of Year	68,989,913	75,294,666				
C. Market Value Beginning of Year	63,460,226	68,989,913				
D. Non-Investment Net Cash Flow	(773,641)	(286,906)				
E. Investment Income						
E1. Market Total: B - C - D	6,303,328	6,591,659				
E2. Assumed Rate of Investment Return	6.75%	6.50%	6.50%			
E3. Amount for Immediate Recognition	4,187,306	4,313,394				
E4. Amount for Phased-in Recognition: E1 - E3	2,116,022	2,278,265				
F. Phased-In Recognition of Investment Income						
F1. Current Year: 0.20 x E4	423,204	455,653				
F2. First Prior Year	927,179	423,204	\$ 455,653			
F3. Second Prior Year	(1,340,348)	927,179	423,204	\$ 455,653		
F4. Third Prior Year	692,892	(1,340,348)	927,179	423,204	\$ 455,653	
F5. Fourth Prior Year	(34,216)	692,892	(1,340,349)	927,179	423,206	\$ 455,653
F6. Total Recognized Investment Gain	668,711	1,158,580	465,687	1,806,036	878,859	455,653
G. Funding Value End of Year: A + D + E3 + F6	66,503,363	71,688,431				
H. Difference Between Funding & Market Value	2,486,550	3,606,235	3,140,548	1,334,512	455,653	0
I. Recognized Funding Value Rate of Return	7.83%	8.25%				
J. Recognized Market Value Rate of Return	9.99%	9.57%				

Table 3

Derivation of Actuarial Gain (Loss)

Actual experience will usually not coincide exactly with assumed experience. It is expected that gains and losses will cancel each other over a period of years, but sizable year-to-year fluctuations are common. Detail on the derivation of the experience gain (loss) is shown below.

Year Ended December 31:	2021
(1) UAAL* at start of year (December 31, 2020)	\$ 20,485,044
(2) Employer normal cost from last valuation	957,060
(3) Actual employer contributions	4,701,826
(4) Interest accrual	1,209,823
(5) Expected UAAL before changes: (1) + (2) - (3) + (4)	17,950,101
(6) Change from benefit improvements	0
(7) Change from revised actuarial assumptions/methods	0
(8) Expected UAAL after changes: (5) + (6) + (7)	17,950,101
(9) Actual UAAL at end of year (December 31, 2021)	17,705,221
(10) Gain (loss): (8) - (9)	244,880
(11) Gain (loss) as percent of actuarial accrued liabilities at start of year (\$86,988,407)	0.3%

* *Unfunded actuarial accrued liability.*

Table 4
Distribution of Participants as of December 31, 2021

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
35-39			1	1				2	\$ 153,907
40-44			2	6				8	667,672
45-49			3	7	9	3		22	1,751,973
50-54			1	6	9	8	1	25	1,958,109
55-59				3	3	4	10	20	1,503,368
60				1	1	1	1	4	292,994
61			1	1	3	1	2	8	569,761
62			1		1	1	3	6	401,575
63					2		1	3	202,114
64			1		1	1	1	4	346,340
65				1	1		1	3	202,530
Totals	0	0	10	26	30	19	20	105	\$8,050,343

Average Age: 53.78

Average Age at Hire: 30.68

Approximate No. Fully Vested: 105

Percentage of Females in Total: 26%

Average Projected Retirement Age: 62.0

Table 4
Distribution of Participants as of December 31, 2021
(Concluded)

A. Retired Participants (and Beneficiaries)

<u>Age Group</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Annual Pension Being Paid</u>
50-54	2	1	3	\$ 60,411
55-59	6	3	9	263,817
60-64	20	12	32	941,029
65-69	27	18	45	1,297,676
70-74	35	14	49	1,467,956
75-79	20	4	24	645,620
80-84	7	7	14	345,509
85-89	1	1	2	13,785
Over 89	3	3	6	63,602
Total	121	63	184	\$5,099,405

B. Terminated Vested Participants

<u>Age Group</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Annual Pension Being Paid at Age 65</u>
Under 50	1	0	1	\$ 20,639
50-54	3	2	5	100,076
55-59	4	2	6	89,212
60-64	1	1	2	15,229
65-69	1	0	1	1,055
Total	10	5	15	\$226,211

Table 5

Summary of Plan Provisions

- 1. Effective Date:** October 1, 1952 (as amended and restated effective January 1, 1998, and as of October 1, 2013).
- 2. Eligibility for Participation:** Full-time employees who have attained age 21 and completed one year of service become participants on the October 1 anniversary date following completion of these requirements. Seasonal Employees become participants on date of hire. The Plan was closed to new entrants effective January 1, 2013 and to Seasonal Employees effective January 1, 2014.
- 3. Normal Retirement:** Age 65. Monthly normal retirement benefit equal to 2.0% of highest consecutive five-year average August 1 monthly earnings in last 10 years times service. Effective January 1, 1998, accrual changed from 1.9% to 2.0%.

Benefits normally payable for life subject to the following:

 - (a) Minimum of \$279.41 per month, reduced by 1/25 for each year of service less than 25 at retirement.
 - (b) Maximum of 71% of final five-year average monthly earnings. Effective January 1, 1998, maximum percentage changed from 67% to 71%.
- 4. Delayed Retirement:** Employee may voluntarily delay Normal Retirement but not past age 70. Benefit is calculated the same as Normal Retirement.
- 5. Early Retirement:** Age 55, 10 years of service. Accrued benefit reduced $\frac{1}{2}$ of 1% for each month prior to Normal Retirement. If employee has 25 or more years of service at Early Retirement, Accrued Benefit reduced by $\frac{1}{2}$ of 1% for each month by which retirement precedes age 60. Early retirement reductions are applied prior to the 71% maximum.
- 6. Disability Retirement:** Accrued benefit (without actuarial reduction), but reduced by the amount of any benefits received through an insured LTD Plan.

Table 5

Summary of Plan Provisions (Continued)

7. Death Benefit: A death benefit equal to the 50% joint and survivor 10-year certain option has been added for employees with 25 years of credited service as of each October 1st. If the spouse dies before the expiration of the guaranteed period, such payment will be continued to a designated beneficiary who must be a legal dependent of the employee at the time of death. In the event there is not a spouse at time of death, a 50% benefit would be payable to a legal dependent for a period not to exceed 10 years or until the dependent reaches age 25, whichever comes first. Employees with 25 years of credited service as of October 1, 1994 had a one-time option of waiving this Pension Plan death benefit.

8. Joint and Survivor Option Increase: For employees who elect the joint annuity option, if the spouse dies before the retired employee, the joint annuity retirement benefit will revert to the life only option.

9. Vesting: Accrued Benefit payable at age 65 adjusted by the following vesting table:

Full Years of Continuous Service	Vested Interest in Accrued Benefit
Less than 1	None
1 but less than 2	10%
2 but less than 3	20
3 but less than 4	30
4 but less than 5	40
5 but less than 6	50
6 but less than 7	60
7 but less than 8	70
8 but less than 9	80
9 but less than 10	90
10 or more	100

10. Options: Prior to retirement or termination, a participant may elect an optional method of payment that is the actuarial equivalent of the Normal Benefit.

Table 5

Summary of Plan Provisions

(Concluded)

- 11. Calculation of Lump Sums:** The lump sum option will be calculated based on the 1984 Unisex Pension Mortality Table and an interest rate of 8.0%. This provision was effective as contracts were approved by the bargaining units as follows:
- (a) Park Superintendent/Department Head and Police Officers Association of Michigan Units – February 10, 1994
 - (b) Supervisory and Professional Units – March 10, 1994
 - (c) Non-Supervisory Unit – July 14, 1994
- The calculation of seasonal employee lump sum benefits would also be calculated based on the Pension Plan's actuarial interest rate assumption.
- 12. Lump Sum Eligibility:** The lump sum option is not available for employees hired after January 1, 1994.
- 13. Significant Changes:** There are no significant changes in regular Plan provisions since the last valuation.

Table 6

Actuarial Assumptions, Methods and Data

- 1. Mortality:**
- Healthy Pre-Retirement:** Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010.
- Healthy Post-Retirement:** Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010.
- Disability Retirement:** Pub-2010 General Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010.
- 2. Interest:** 6.50% compounded annually.
- 3. Expenses:** No loading; to be met directly.
- 4. Withdrawal:** The rates at the following illustrative ages indicate the withdrawal rates assumed:

Age	Rates of Withdrawal
	Male or Female
25	7.40%
35	3.40%
45	1.40%
55	0.20%
57	NIL

Table 6 Actuarial Assumptions, Methods and Data (Continued)

5. Salary Scale:

Final average earnings were estimated from present earnings based on the assumption that future compensation will increase by a base wage inflation of 3.25% per year, and a merit and seniority portion as shown in the table below:

<u>Service</u>	<u>% Increase</u>
1	3.75 %
2	3.75 %
3	3.38 %
4	3.00 %
5	2.63 %
6	2.25 %
7	1.88 %
8	1.50 %
9	1.13 %
10	0.75 %
11	0.38 %
12+	0.19 %

6. Retirement Age:

The rates at the following illustrative ages indicate the retirement rates assumed:

<u>Age</u>	<u>Rates of Retirement</u>	
	<u>Less than 25 Years of Service</u>	<u>25 or More Years of Service</u>
55	1%	1%
56	1	5
57	1	10
58	1	10
59	5	20
60	12	20
61	12	20
62	12	30
63	20	40
64	25	50
65	60	60
66	30	30
67	30	30
68	30	30
69	30	30
70	100	100

Table 6

Actuarial Assumptions, Methods and Data (Concluded)

7. Rates of Disability: Disability Rates were as follows:

Sample	% of Active Members Becoming
Ages	Disabled within Next Year
	Male or Female
25	0.00%
30	0.12%
35	0.16%
40	0.24%
45	0.46%
50	1.04%
55	2.14%
60	6.70%

8. Funding Method: Individual Entry Age Actuarial Cost Method. Benefits are funded on a level dollar.

9. Asset Method: Smoothed asset value that spreads market value gains and losses over a 5-year period.

10. Data: This actuarial valuation has been prepared based upon employee data compiled by the Employer. The actuary has no reason to believe that this data is not complete and accurate and knows of no further information that is essential to the preparation of the actuarial valuation, although no independent audit of the data has been performed by the actuary.

11. Amortization of the Unfunded Actuarial Accrued Liability: The unfunded actuarial accrued liability was amortized over a 19.75-year period, as a level dollar.

12. Loads for Optional Forms of Payment: 1.0% for pop-up options of current retirees electing a J&S option. 10.0% for non-spouse beneficiaries of a non-duty death participant.

13. Assumption Rationale: The actuarial assumptions were based upon the results of an experience study for HCMA covering the period January 1, 2016 through December 31, 2020. A report dated February 5, 2021 presented the results of this study. The actuarial assumptions represent estimates of future experience.

Table 7 Comparison of 2020 and 2021 Results

Item for Comparison	2020 Results	2021 Results
1. Active Participants		
(a) Number	118	105
(b) Total Annual Earnings	\$ 8,842,626	\$ 8,050,343
(c) Average Annual Earnings	74,938	76,670
2. Retired Participants		
(a) Number	171	184
(b) Average Annual Pension	\$ 26,706	\$ 27,714
3. Actuarial Accrued Liability		
(a) Active Participants	\$37,009,361	\$33,624,661
(b) Retirees	48,382,649	54,420,866
(c) Terminated with Vested Rights	1,596,397	1,348,125
(d) Total	\$86,988,407	\$89,393,652
4. Actuarial Value of Assets	\$66,503,363	\$71,688,431
5. Actuarial Value of Assets as a Percentage of the Actuarial Accrued Liability	76.45%	80.19%
6. Unfunded Actuarial Accrued Liability*	\$20,485,044	\$17,705,221
7. Annual Normal Cost	\$ 957,060	\$ 878,932
8. Recommended Contribution on Funding Basis at the Beginning of the Plan Year	\$ 2,725,948	\$ 2,445,580

* UAAL amortized over 19.75 years this year, and 20.75 years last year.

Table 8
Present Value of Accrued Benefits
as of December 31, 2021

Actives*	\$27,224,240
Retirees	54,420,866
Vested	<u>1,348,125</u>
Total	\$82,993,231

** Based on benefit service and salary as of the valuation date.*

Table 9
Schedule of Funding Progress

Valuation Date	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (3) - (2)	Funded Ratio (2) / (3)	Annual Covered Payroll	UAAL as % of Payroll (4) / (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
October 1, 2012	\$43,992,245	\$64,836,490	\$20,844,245	67.85%	\$12,232,592	170.40%
October 1, 2013	45,492,667	66,307,795	20,815,128	68.61%	11,171,076	186.33%
December 31, 2014	50,712,814	68,503,084	17,790,270	74.03%	10,418,891	170.75%
December 31, 2015	54,429,972	69,050,692	14,620,720	78.83%	10,067,888	145.22%
December 31, 2016 ¹	56,383,307	77,029,545	20,646,238	73.20%	9,706,228	212.71%
December 31, 2017	58,900,828	78,844,190	19,943,362	74.71%	9,259,465	215.38%
December 31, 2018	60,062,658	80,962,998	20,900,340	74.19%	9,013,973	231.87%
December 31, 2019	62,420,987	82,371,685	19,950,698	75.78%	8,981,404	222.13%
December 31, 2020 ¹	66,503,363	86,988,407	20,485,044	76.45%	8,842,626	231.66%
December 31, 2021	71,688,431	89,393,652	17,705,221	80.19%	8,050,343	219.93%

¹ After changes in actuarial assumptions/methods.

Table 10

Schedule of Annual Required Contributions

<u>Fiscal Year Ending</u>	<u>Annual Required Contribution</u>	<u>Percentage Contributed*</u>
(1)	(2)	(3)
9/30/2013	\$2,579,654	100%
9/30/2014	3,029,289	100%
12/31/2014	757,322	100%
12/31/2015	2,717,265	100%
12/31/2016	2,449,953	100%
12/31/2017	2,996,208	100%
12/31/2018	2,655,734	100%
12/31/2019	2,707,763	100%
12/31/2020	2,645,500	100%
12/31/2021	2,725,948	100%
12/31/2022	2,445,580	

* 100% indicates at least 100%.

This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

Table 10

Schedule of Annual Required Contributions (Concluded)

Valuation Date:	December 31, 2021
Actuarial Cost Method:	Entry Age
Amortization Method:	30-year, level dollar The unfunded actuarial accrued liability is amortized over an initial period of 30 years. Effective for the October 1, 2013 valuation, the amortization method is changed from level percent of payroll to level dollar amortization. Historically, the total unfunded actuarial accrued liability attributable to Early Retirement Windows have been amortized over a period of 5 years, declining to 0 years.
Remaining Amortization Period:	19.75 years
Asset Valuation Method:	Smoothed asset value that spreads the difference between the assumed return and the actual investment return over a 5-year period.
Actuarial Assumptions:	
<ul style="list-style-type: none"> • <i>Investment rate of return</i> • <i>Projected salary increases*</i> <li style="padding-left: 20px;">* Includes wage inflation at • <i>Cost-of-living adjustments</i> 	<p>6.50%</p> <p>3.44% - 7.00%</p> <p>3.25%</p> <p>None</p>

This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

APPENDIX

ACCOUNTING DISCLOSURES

This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

Information Required by GASB Statements No. 67 and No. 68

The Governmental Accounting Standards Board (GASB) Statement No. 67 contains certain requirements regarding the accounting and disclosure of financial information. In addition to disclosing the plan's fiduciary net position, retirement systems are also required to disclose information regarding the plan's total pension liability, net pension liability, and change in net pension liability from the prior year. In actuarial terms, these are the plan's actuarial accrued liability and unfunded actuarial accrued liability on a market value of assets basis. Similarly, GASB Statement No. 68 establishes standards for state and local government employers (as well as non-employer contributing entities) to account for and disclose the net pension liability, pension expense, and other information associated with providing retirement benefits to their employees (and former employees) on their basic financial statements. This section of the report contains information that is part of the Retirement Plan's disclosure requirements under these accounting standards.

Determination of the Total Pension Liability

The total pension liability shown in this subsection is also shown as of the last date of the pension plan's fiscal year, December 31, 2021.

A Single Discount Rate of 6.50% was used to measure the total pension liability. This Single Discount Rate was based on the expected rate of return on pension plan investments of 6.50%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Measurement Statement of Net Pension Liability

The net pension liability is to be measured as the total pension liability, less the amount of the pension plan's fiduciary net position. As of the plan year ending December 31, 2021, the net pension liability is \$14,098,986.

Executive Summary as of December 31, 2021

	2021
Actuarial Valuation Date	December 31, 2021
Measurement Date of the Net Pension Liability	December 31, 2021
Employer's Fiscal Year Ending Date (Reporting Date)	December 31, 2021

Membership

Number of	
- Retirees and Beneficiaries	184
- Inactive, Nonretired Members	15
- Active Members	105
- Total	304
Covered Payroll	\$ 8,050,343

Net Pension Liability

Total Pension Liability	\$ 89,393,652
Plan Fiduciary Net Position	75,294,666
Net Pension Liability	\$ 14,098,986
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	84.23%
Net Pension Liability as a Percentage of Covered Payroll	175.14%

Development of the Single Discount Rate

Single Discount Rate	6.50%
Long-Term Expected Rate of Investment Return	6.50%
Long-Term Municipal Bond Rate*	1.84%
Last year ending December 31 in the 2022 to 2121 projection period for which projected benefit payments are fully funded	2105

Total Pension Expense \$ 1,793,500

Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 654,749	\$ 289,732
Changes in assumptions	1,261,860	0
Net difference between projected and actual earnings on pension plan investments	1,298,555	4,890,366
Total	\$ 3,215,164	\$ 5,180,098

* Fixed-income municipal bonds with 20 years to maturity that include only federally tax-exempt municipal bonds as reported in Fidelity Index's "20-Year Municipal GO AA Index" as of December 31, 2021. In describing this index, Fidelity notes that the municipal curves are constructed using option-adjusted analytics of a diverse population of over 10,000 tax exempt securities.

Pension Expense Under GASB Statement No. 68

Fiscal Year Ended December 31, 2021

A. Expense

1. Service Cost	\$	957,060
2. Interest on the Total Pension Liability		5,520,621
3. Current-Period Benefit Changes		0
4. Employee Contributions (made negative for addition here)		(79,877)
5. Projected Earnings on Plan Investments (made negative for addition here)		(4,475,020)
6. Pension Plan Administrative Expense		0
7. Other Changes in Plan Fiduciary Net Position		0
8. Recognition of Outflow (Inflow) of Resources due to Liabilities		1,170,006
9. Recognition of Outflow (Inflow) of Resources due to Assets		<u>(1,299,290)</u>
10. Total Pension Expense	\$	1,793,500

Statement of Outflows and Inflows

Arising from the Current Reporting Period

Fiscal Year Ended December 31, 2021

A. Outflows (Inflows) of Resources Due to Liabilities

1. Difference between expected and actual experience of the Total Pension Liability (gains) or losses	\$	996,173
2. Assumption Changes (gains) or losses	\$	-
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}		2.9177
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the difference between expected and actual experience of the Total Pension Liability	\$	341,424
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	\$	-
6. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	\$	341,424
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the difference between expected and actual experience of the Total Pension Liability	\$	654,749
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for Assumption Changes	\$	-
9. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	\$	654,749

B. Outflows (Inflows) of Resources Due to Assets

1. Net difference between projected and actual earnings on pension plan investments (gains) or losses	\$	(2,116,639)
2. Recognition period for Assets {in years}		5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	\$	(423,328)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$	(1,693,311)

Statement of Outflows and Inflows

Arising from the Current and Prior Reporting Periods

Fiscal Year Ended December 31, 2021

A. Outflows and Inflows of Resources due to Liabilities and Assets to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	\$ 1,496,216	\$ 326,210	\$ 1,170,006
2. Due to Assets	1,298,554	2,597,844	(1,299,290)
3. Total	\$ 2,794,770	\$ 2,924,054	\$ (129,284)

B. Outflows and Inflows of Resources by Source to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$ 413,911	\$ 326,210	\$ 87,701
2. Assumption Changes	1,082,305	-	1,082,305
3. Net Difference between projected and actual earnings on pension plan investments	1,298,554	2,597,844	(1,299,290)
4. Total	\$ 2,794,770	\$ 2,924,054	\$ (129,284)

C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	\$ 654,749	\$ 289,732	\$ 365,017
2. Assumption Changes	1,261,860	-	1,261,860
3. Net Difference between projected and actual earnings on pension plan investments	1,298,555	4,890,366	(3,591,811)
4. Total	\$ 3,215,164	\$ 5,180,098	\$ (1,964,934)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future Pension Expenses

Year Ending December 31	Net Deferred Outflows of Resources
2022	\$ 649,993
2023	(1,359,099)
2024	(832,501)
2025	(423,327)
2026	0
Thereafter	0
Total	\$ (1,964,934)

Recognition of Deferred Outflows and Inflows of Resources

Fiscal Year Ended December 31, 2021

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) due to Differences Between Expected and Actual Experience on Liabilities					
2017	\$ (6,338)	4.2325	\$ (350)	\$ 0	0.0000
2018	367,984	3.7359	72,487	0	0.0000
2019	(395,673)	3.3926	(116,628)	(45,789)	0.3926
2020	(662,407)	3.1659	(209,232)	(243,943)	1.1659
2021	996,173	2.9177	341,424	654,749	1.9177
Total			\$ 87,701	\$ 365,017	
Deferred Outflow (Inflow) due to Assumption Changes					
2017	\$ 0	4.2325	\$ 0	\$ 0	0.0000
2018	0	3.7359	0	0	0.0000
2019	0	3.3926	0	0	0.3926
2020	3,426,470	3.1659	1,082,305	1,261,860	1.1659
2021	0	2.9177	0	0	1.9177
Total			\$ 1,082,305	\$ 1,261,860	
Deferred Outflow (Inflow) due to Differences Between Projected and Actual Earnings on Plan Investments¹					
2017	\$ (3,902,874)	5.0000	\$ (780,574)	\$ 0	0.0000
2018	6,492,771	5.0000	1,298,554	1,298,555	1.0000
2019	(4,923,833)	5.0000	(984,767)	(1,969,532)	2.0000
2020	(2,045,873)	5.0000	(409,175)	(1,227,523)	3.0000
2021	(2,116,639)	5.0000	(423,328)	(1,693,311)	4.0000
Total			\$ (1,299,290)	\$ (3,591,811)	

According to Paragraph 33 of GASB Statement No. 68, *differences between expected and actual experience* and *changes in assumptions* are recognized in pension expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the measurement period, the expected remaining service lives of all contributing members was 893 years. Additionally, the combined plan membership (active employees and inactive employees) was 306. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the measurement period is 2.9177 years.

Additionally, *differences between projected and actual earnings on pension plan investments* should be recognized in pension expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the pension expense as a level dollar amount over the closed period identified above.

¹ The 2019 deferred outflow (inflow) due to differences between projected and actual earnings on plan investments was revised since the previously published 12/31/2019 valuation report.

Schedule of Changes in the Net Pension Liability and Related Ratios Fiscal Year Ended December 31, 2021

A. Total Pension Liability

1. Service Cost	\$	957,060
2. Interest on the Total Pension Liability		5,520,621
3. Changes of benefit terms		0
4. Difference between expected and actual experience		996,173
5. Changes of assumptions		0
6. Benefit payments, including refunds of employee contributions		(5,068,609)
7. Net change in Total Pension Liability	\$	2,405,245
8. Total Pension Liability – Beginning		86,988,407
9. Total Pension Liability – Ending	\$	<u><u>89,393,652</u></u>

B. Plan Fiduciary Net Position

1. Contributions – employer	\$	4,701,826
2. Contributions – employee		79,877
3. Net investment income		6,591,659
4. Benefit payments, including refunds of employee contributions		(5,068,609)
5. Pension Plan Administrative Expense		0
6. Other		0
7. Net change in Plan Fiduciary Net Position	\$	6,304,753
8. Plan Fiduciary Net Position – Beginning		68,989,913
9. Plan Fiduciary Net Position – Ending	\$	<u><u>75,294,666</u></u>

C. Net Pension Liability

\$ 14,098,986

D. Plan Fiduciary Net Position as a Percentage of the Total Pension Liability

84.23%

E. Covered-Employee Payroll

\$ 8,050,343

F. Net Pension Liability as a Percentage of Covered-Employee Payroll

175.14%

Schedules of Required Supplementary Information

Schedule of Changes in the Employers' Net Pension Liability and Related Ratios Multiyear

Fiscal year ending December 31,	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total Pension Liability										
Service Cost*	\$ 957,060	\$ 927,311	\$ 943,320	\$ 966,866	\$ 966,866	\$ 1,030,377	\$ 962,488	\$ 1,004,715		
Interest on the Total Pension Liability	5,520,621	5,439,048	5,345,489	5,205,391	5,089,192	4,899,597	4,862,474	4,726,571		
Benefit Changes	-	-	-	-	-	-	-	-		
Difference between expected and actual experience	996,173	(662,407)	(395,673)	367,984	(6,338)	(6,336)	(1,445,906)	109,029		
Assumption Changes	-	3,426,470	-	-	-	6,025,667	-	-		
Benefit Payments and Refunds	(5,068,609)	(4,513,700)	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)		
Net Change in Total Pension Liability	2,405,245	4,616,722	1,408,687	2,118,808	1,814,645	7,978,853	547,608	1,782,415		
Total Pension Liability - Beginning	86,988,407	82,371,685	80,962,998	78,844,190	77,029,545	69,050,692	68,503,084	66,720,669		
Total Pension Liability - Ending (a)	\$ 89,393,652	\$ 86,988,407	\$ 82,371,685	\$ 80,962,998	\$ 78,844,190	\$ 77,029,545	\$ 69,050,692	\$ 68,503,084		
Plan Fiduciary Net Position										
Employer Contributions	\$ 4,701,826	\$ 3,639,226	\$ 3,400,000	\$ 3,000,000	\$ 2,996,209	\$ 2,700,000	\$ 4,500,000	\$ 3,100,000		
Employee Contributions	79,877	100,833	91,165	91,814	88,475	111,649	101,817	107,492		
Pension Plan Net Investment Income	6,591,659	6,303,328	8,938,142	(2,503,594)	7,487,987	4,008,761	(667,117)	2,225,505		
Benefit Payments and Refunds	(5,068,609)	(4,513,700)	(4,484,449)	(4,421,433)	(4,235,075)	(3,970,452)	(3,831,448)	(4,057,900)		
Pension Plan Administrative Expense**	-	-	(281,541)	(267,216)	(256,479)	(275,660)	(201,301)	(73,710)		
Other	-	-	-	-	-	-	-	-		
Net Change in Plan Fiduciary Net Position	6,304,753	5,529,687	7,663,317	(4,100,429)	6,081,117	2,574,298	(98,049)	1,301,387		
Plan Fiduciary Net Position - Beginning	68,989,913	63,460,226	55,796,909	59,897,338	53,816,221	51,241,923	51,339,972	50,038,585		
Plan Fiduciary Net Position - Ending (b)	\$ 75,294,666	\$ 68,989,913	\$ 63,460,226	\$ 55,796,909	\$ 59,897,338	\$ 53,816,221	\$ 51,241,923	\$ 51,339,972		
Net Pension Liability - Ending (a) - (b)	14,098,986	17,998,494	18,911,459	25,166,089	18,946,852	23,213,324	17,808,769	17,163,112		
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	84.23 %	79.31 %	77.04 %	68.92 %	75.97 %	69.86 %	74.21 %	74.95 %		
Covered-Employee Payroll	\$ 8,050,343	\$ 8,842,626	\$ 8,981,404	\$ 9,013,973	\$ 9,259,465	\$ 9,706,228	\$ 10,067,888	\$ 10,418,891		
Net Pension Liability as a Percentage of Covered-Employee Payroll	175.14 %	203.54 %	210.56 %	279.19 %	204.62 %	239.16 %	176.89 %	164.73 %		
Notes to Schedule: N/A										

* Beginning with the 2018 valuation, the beginning of year service cost is used.

** HCMA reported a change in reported administration expense after the issuance of the 2019 valuation report.

Schedules of Required Supplementary Information

Schedule of the Employers' Net Pension Liability

Multiyear

FY Ending December 31,	Total Pension Liability	Plan Net Position	Net Pension Liability	Plan Net Position as a % of Total Pension Liability	Covered Payroll	Net Pension Liability as a % of Covered Payroll
2012						
2013						
2014	\$68,503,084	\$51,339,972	\$17,163,112	74.95%	\$10,418,891	164.73%
2015	69,050,692	51,241,923	17,808,769	74.21%	10,067,888	176.89%
2016	77,029,545	53,816,221	23,213,324	69.86%	9,706,228	239.16%
2017	78,844,190	59,897,338	18,946,852	75.97%	9,259,465	204.62%
2018	80,962,998	55,796,909	25,166,089	68.92%	9,013,973	279.19%
2019	82,371,685	63,460,226	18,911,459	77.04%	8,981,404	210.56%
2020	86,988,407	68,989,913	17,998,494	79.31%	8,842,626	203.54%
2021	89,393,652	75,294,666	14,098,986	84.23%	8,050,343	175.14%

Schedule of Contributions Multiyear

<u>FY Ending December 31,</u>	<u>Actuarially Determined Contribution*</u>	<u>Actual Contribution</u>	<u>Contribution Deficiency (Excess)</u>	<u>Covered Payroll</u>	<u>Actual Contribution as a % of Covered Payroll</u>
2012					
2013					
2014	\$ 3,029,289	\$ 3,100,000	\$ (70,711)	\$ 10,418,891	29.75%
2015*	3,474,587	4,500,000	(1,025,413)	10,067,888	44.70%
2016	2,449,953	2,700,000	(250,047)	9,706,228	27.82%
2017	2,996,208	2,996,209	(1)	9,259,465	32.36%
2018	2,655,734	3,000,000	(344,266)	9,013,973	33.28%
2019	2,707,763	3,400,000	(692,237)	8,981,404	37.86%
2020	2,645,500	3,639,226	(993,726)	8,842,626	41.16%
2021	2,725,948	4,701,826	(1,975,878)	8,050,343	58.41%

* Includes contributions for short plan year October 1, 2014 – December 31, 2014.

Schedule of Investment Returns Multiyear

<u>FY Ending December 31,</u>	<u>Annual Return¹</u>
2012	
2013	
2014	4.43 %
2015	(1.68)%
2016	7.33 %
2017	13.40 %
2018	(4.64)%
2019	15.53 %
2020	11.67 %
2021	9.61 %

¹ Annual money-weighted rate of return, net of investment expenses.

Asset Allocation

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
S&P 500 Index	20.00%	5.50%
US Small/Mid Cap Equity Index	6.00%	5.50%
World Equity ex-US	21.00%	6.82%
Emerging Markets Equity	3.00%	7.17%
Core Fixed Income	20.00%	4.04%
Limited Duration Bonds	6.00%	3.15%
Emerging Markets Debt	3.00%	6.25%
Dynamic Asset Allocation	5.00%	7.82%
Multi-Asset	3.00%	3.96%
Structured Credit	3.00%	8.02%
Private Equity	5.00%	10.11%
Private Real Estate	5.00%	4.80%
Total	100.00%	

The figures in the above table were supplied by the Huron-Clinton Metropolitan Authority Employees' Retirement Plan's investment consultant and are based upon the investment manager's inflation assumption of 2.50%. Gabriel, Roeder, Smith & Company does not provide investment advice.

Sensitivity of the Net Pension Liability to the Single Discount Rate Assumption

Single Discount Rate

A Single Discount Rate of 6.50% was used to measure the total pension liability. This Single Discount Rate was based on the expected rate of return on pension plan investments of 6.50%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Regarding the sensitivity of the net pension liability to changes in the Single Discount Rate, the following presents the plan's net pension liability, calculated using a Single Discount Rate of 6.50%, as well as what the plan's net pension liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

	Current Single Discount		
	1% Decrease 5.50%	Rate Assumption 6.50%	1% Increase 7.50%
Total Pension Liability	\$ 99,324,614	\$ 89,393,652	\$ 80,948,977
Plan Fiduciary Net Position	75,294,666	75,294,666	75,294,666
Net Pension Liability/(Asset)	\$ 24,029,948	\$ 14,098,986	\$ 5,654,311

Calculation of the Single Discount Rate

GASB Statement No. 67 includes a specific requirement for the discount rate that is used for the purpose of the measurement of the Total Pension Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a “risk-free” rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects: (1) the long-term expected rate of return on pension plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits); and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating (which is published by the Bond Buyer Index) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 6.50%; the municipal bond rate is 1.84%; and the resulting SDR is 6.50%.

The tables in this section provide background for the development of the SDR.

The **Projection of Contributions** table shows the development of expected contributions in future years. Normal Cost contributions for future hires are not included (nor are their liabilities).

Expected Contributions are developed based on the following:

- Member Contributions for current members
- Normal Cost contributions for current members
- Unfunded Liability contributions for current and future members

The **Projection of Plan Fiduciary Net Position** table shows the development of expected asset levels in future years.

The **Present Values of Projected Benefit Payments** table shows the development of the SDR. It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

Results in this section of the report are not rounded, and are shown as dollar amounts without the additional digits.

The projections in this section are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection of the ongoing plan.

Single Discount Rate Development Projection of Contributions

Year	Payroll for Current Employees	Contributions from Current Employees	Normal Cost and Expense Contributions	UAL Contributions	Total Contributions
0	\$ 8,050,343				
1	7,760,569	\$ -	\$ 878,932	\$ 1,566,648	\$ 2,445,580
2	7,220,732	-	811,565	1,456,756	2,268,321
3	6,747,031	-	753,790	1,250,431	2,004,221
4	6,293,664	-	698,976	1,179,374	1,878,350
5	5,848,452	-	645,684	1,179,374	1,825,058
6	5,415,805	-	594,644	1,179,374	1,774,018
7	5,011,767	-	548,442	1,179,374	1,727,816
8	4,631,109	-	505,353	1,179,374	1,684,727
9	4,244,566	-	462,035	1,179,374	1,641,409
10	3,833,004	-	416,014	1,179,374	1,595,388
11	3,412,950	-	369,130	1,179,374	1,548,505
12	2,998,487	-	322,861	1,179,374	1,502,235
13	2,594,327	-	277,569	1,179,374	1,456,943
14	2,215,066	-	235,181	1,179,374	1,414,556
15	1,853,943	-	195,321	1,179,374	1,374,695
16	1,523,628	-	159,191	1,179,374	1,338,565
17	1,240,178	-	128,467	1,179,374	1,307,841
18	993,383	-	101,622	1,179,374	1,280,996
19	781,344	-	78,909	1,179,374	1,258,283
20	597,956	-	59,355	1,179,374	1,238,729
21	446,553	-	43,301	-	43,301
22	327,494	-	30,904	-	30,904
23	238,001	-	21,764	-	21,764
24	169,890	-	15,087	-	15,087
25	116,550	-	10,054	-	10,054
26	78,070	-	6,497	-	6,497
27	51,875	-	4,180	-	4,180
28	32,422	-	2,539	-	2,539
29	18,939	-	1,477	-	1,477
30	9,632	-	757	-	757
31	4,617	-	360	-	360
32	2,861	-	217	-	217
33	1,581	-	106	-	106
34	1,138	-	76	-	76
35	483	-	33	-	33
36	-	-	-	-	-
37	-	-	-	-	-
38	-	-	-	-	-
39	-	-	-	-	-
40	-	-	-	-	-
41	-	-	-	-	-
42	-	-	-	-	-
43	-	-	-	-	-
44	-	-	-	-	-
45	-	-	-	-	-
46	-	-	-	-	-
47	-	-	-	-	-
48	-	-	-	-	-
49	-	-	-	-	-
50	-	-	-	-	-

Single Discount Rate Development Projection of Contributions (Concluded)

Year	Payroll for Current Employees	Contributions from Current Employees	Normal Cost and Expense Contributions	UAL Contributions	Total Contributions
51	\$ -	\$ -	\$ -	\$ -	\$ -
52	-	-	-	-	-
53	-	-	-	-	-
54	-	-	-	-	-
55	-	-	-	-	-
56	-	-	-	-	-
57	-	-	-	-	-
58	-	-	-	-	-
59	-	-	-	-	-
60	-	-	-	-	-
61	-	-	-	-	-
62	-	-	-	-	-
63	-	-	-	-	-
64	-	-	-	-	-
65	-	-	-	-	-
66	-	-	-	-	-
67	-	-	-	-	-
68	-	-	-	-	-
69	-	-	-	-	-
70	-	-	-	-	-
71	-	-	-	-	-
72	-	-	-	-	-
73	-	-	-	-	-
74	-	-	-	-	-
75	-	-	-	-	-
76	-	-	-	-	-
77	-	-	-	-	-
78	-	-	-	-	-
79	-	-	-	-	-
80	-	-	-	-	-
81	-	-	-	-	-
82	-	-	-	-	-
83	-	-	-	-	-
84	-	-	-	-	-
85	-	-	-	-	-
86	-	-	-	-	-
87	-	-	-	-	-
88	-	-	-	-	-
89	-	-	-	-	-
90	-	-	-	-	-
91	-	-	-	-	-
92	-	-	-	-	-
93	-	-	-	-	-
94	-	-	-	-	-
95	-	-	-	-	-
96	-	-	-	-	-
97	-	-	-	-	-
98	-	-	-	-	-
99	-	-	-	-	-
100	-	-	-	-	-

Single Discount Rate Development Projection of Plan Fiduciary Net Position

Year	Projected				
	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Investment Earnings at 6.50%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
1	\$ 75,294,666	\$ 2,445,580	\$ 5,297,551	\$ 4,802,923	\$ 77,245,618
2	77,245,618	2,268,321	5,581,272	4,914,989	78,847,656
3	78,847,656	2,004,221	5,846,195	5,002,199	80,007,881
4	80,007,881	1,878,350	6,071,509	5,066,380	80,881,102
5	80,881,102	1,825,058	6,286,278	5,114,564	81,534,447
6	81,534,447	1,774,018	6,496,636	5,148,670	81,960,499
7	81,960,499	1,727,816	6,697,874	5,168,448	82,158,890
8	82,158,890	1,684,727	6,901,792	5,173,442	82,115,268
9	82,115,268	1,641,409	7,072,597	5,163,758	81,847,837
10	81,847,837	1,595,388	7,224,121	5,140,055	81,359,160
11	81,359,160	1,548,505	7,368,759	5,102,165	80,641,070
12	80,641,070	1,502,235	7,506,900	5,049,590	79,685,995
13	79,685,995	1,456,943	7,625,644	4,982,263	78,499,557
14	78,499,557	1,414,556	7,721,956	4,900,708	77,092,864
15	77,092,864	1,374,695	7,795,648	4,805,640	75,477,551
16	75,477,551	1,338,565	7,825,325	4,698,540	73,689,331
17	73,689,331	1,307,841	7,802,485	4,582,053	71,776,741
18	71,776,741	1,280,996	7,743,315	4,458,769	69,773,191
19	69,773,191	1,258,283	7,647,325	4,330,882	67,715,031
20	67,715,031	1,238,729	7,536,417	4,200,024	65,617,367
21	65,617,367	43,301	7,387,821	4,030,190	62,303,037
22	62,303,037	30,904	7,202,598	3,820,287	58,951,630
23	58,951,630	21,764	6,987,704	3,609,027	55,594,717
24	55,594,717	15,087	6,749,454	3,398,235	52,258,585
25	52,258,585	10,054	6,495,338	3,189,354	48,962,655
26	48,962,655	6,497	6,226,821	2,983,595	45,725,926
27	45,725,926	4,180	5,945,340	2,782,137	42,566,902
28	42,566,902	2,539	5,658,126	2,585,936	39,497,251
29	39,497,251	1,477	5,363,753	2,395,791	36,530,766
30	36,530,766	757	5,072,275	2,212,270	33,671,518
31	33,671,518	360	4,781,033	2,035,723	30,926,568
32	30,926,568	217	4,488,138	1,866,666	28,305,313
33	28,305,313	106	4,200,354	1,705,486	25,810,551
34	25,810,551	76	3,918,378	1,552,346	23,444,595
35	23,444,595	33	3,643,694	1,407,344	21,208,277
36	21,208,277	-	3,376,719	1,270,522	19,102,081
37	19,102,081	-	3,117,839	1,141,901	17,126,143
38	17,126,143	-	2,867,846	1,021,462	15,279,758
39	15,279,758	-	2,627,160	909,146	13,561,743
40	13,561,743	-	2,396,133	804,865	11,970,475
41	11,970,475	-	2,175,082	708,504	10,503,896
42	10,503,896	-	1,964,326	619,918	9,159,488
43	9,159,488	-	1,764,177	538,934	7,934,244
44	7,934,244	-	1,574,983	465,345	6,824,606
45	6,824,606	-	1,397,072	398,909	5,826,443
46	5,826,443	-	1,230,715	339,350	4,935,078
47	4,935,078	-	1,076,163	286,355	4,145,271
48	4,145,271	-	933,609	239,578	3,451,240
49	3,451,240	-	803,142	198,639	2,846,737
50	2,846,737	-	684,738	163,134	2,325,134

Single Discount Rate Development

Projection of Plan Fiduciary Net Position (Concluded)

Year	Projected Beginning	Projected Total	Projected Benefit	Projected	Projected Ending Plan
	Plan Net Position	Contributions	Payments	Investment Earnings at 6.50%	Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
51	\$ 2,325,134	\$ -	\$ 578,237	\$ 132,637	\$ 1,879,534
52	1,879,534	-	483,369	106,708	1,502,873
53	1,502,873	-	399,755	84,899	1,188,017
54	1,188,017	-	326,881	66,765	927,901
55	927,901	-	264,106	51,865	715,661
56	715,661	-	210,695	39,778	544,744
57	544,744	-	165,857	30,103	408,990
58	408,990	-	128,744	22,466	302,712
59	302,712	-	98,480	16,526	220,758
60	220,758	-	74,189	11,976	158,545
61	158,545	-	55,007	8,546	112,084
62	112,084	-	40,125	6,002	77,961
63	77,961	-	28,785	4,147	53,323
64	53,323	-	20,297	2,817	35,842
65	35,842	-	14,060	1,880	23,662
66	23,662	-	9,562	1,232	15,332
67	15,332	-	6,380	793	9,745
68	9,745	-	4,174	500	6,071
69	6,071	-	2,675	309	3,705
70	3,705	-	1,679	187	2,213
71	2,213	-	1,030	111	1,294
72	1,294	-	618	64	739
73	739	-	363	36	413
74	413	-	208	20	226
75	226	-	116	11	120
76	120	-	63	6	63
77	63	-	34	3	32
78	32	-	18	2	16
79	16	-	9	1	8
80	8	-	5	0	4
81	4	-	2	0	2
82	2	-	1	0	1
83	1	-	1	0	0
84	0	-	0	0	0
85	0	-	0	0	0
86	0	-	0	0	0
87	0	-	0	0	0
88	0	-	0	0	0
89	0	-	-	0	0
90	0	-	-	0	0
91	0	-	-	0	0
92	0	-	-	0	0
93	0	-	-	0	0
94	0	-	-	0	0
95	0	-	-	0	0
96	0	-	-	0	0
97	0	-	-	0	0
98	0	-	-	0	0
99	0	-	-	0	0
100	0	-	-	0	0

Single Discount Rate Development

Present Values of Projected Benefit Payments

Year	Projected		Unfunded Portion		Present Value of	Present Value of	Present Value of
	Beginning Plan	Projected Benefit	Funded Portion of	of Benefit	Funded Benefit	Unfunded Benefit	Benefit
	Net Position	Payments	Benefit Payments	Payments	Payments using	Payments using	Payments using
					Expected Return	Municipal Bond	Single Discount
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v^((a)-.5)	(g)=(e)*vf ^((a)-.5)	(h)=(c)/(1+sdr)^(a-.5)
1	\$ 75,294,666	\$ 5,297,551	\$ 5,297,551	\$ -	\$ 5,133,344	\$ -	\$ 5,133,344
2	77,245,618	5,581,272	5,581,272	-	5,078,188	-	5,078,188
3	78,847,656	5,846,195	5,846,195	-	4,994,584	-	4,994,584
4	80,007,881	6,071,509	6,071,509	-	4,870,494	-	4,870,494
5	80,881,102	6,286,278	6,286,278	-	4,735,004	-	4,735,004
6	81,534,447	6,496,636	6,496,636	-	4,594,791	-	4,594,791
7	81,960,499	6,697,874	6,697,874	-	4,447,997	-	4,447,997
8	82,158,890	6,901,792	6,901,792	-	4,303,678	-	4,303,678
9	82,115,268	7,072,597	7,072,597	-	4,141,019	-	4,141,019
10	81,847,837	7,224,121	7,224,121	-	3,971,584	-	3,971,584
11	81,359,160	7,368,759	7,368,759	-	3,803,851	-	3,803,851
12	80,641,070	7,506,900	7,506,900	-	3,638,649	-	3,638,649
13	79,685,995	7,625,644	7,625,644	-	3,470,615	-	3,470,615
14	78,499,557	7,721,956	7,721,956	-	3,299,952	-	3,299,952
15	77,092,864	7,795,648	7,795,648	-	3,128,117	-	3,128,117
16	75,477,551	7,825,325	7,825,325	-	2,948,380	-	2,948,380
17	73,689,331	7,802,485	7,802,485	-	2,760,352	-	2,760,352
18	71,776,741	7,743,315	7,743,315	-	2,572,224	-	2,572,224
19	69,773,191	7,647,325	7,647,325	-	2,385,294	-	2,385,294
20	67,715,031	7,536,417	7,536,417	-	2,207,230	-	2,207,230
21	65,617,367	7,387,821	7,387,821	-	2,031,652	-	2,031,652
22	62,303,037	7,202,598	7,202,598	-	1,859,827	-	1,859,827
23	58,951,630	6,987,704	6,987,704	-	1,694,214	-	1,694,214
24	55,594,717	6,749,454	6,749,454	-	1,536,572	-	1,536,572
25	52,258,585	6,495,338	6,495,338	-	1,388,470	-	1,388,470
26	48,962,655	6,226,821	6,226,821	-	1,249,831	-	1,249,831
27	45,725,926	5,945,340	5,945,340	-	1,120,501	-	1,120,501
28	42,566,902	5,658,126	5,658,126	-	1,001,287	-	1,001,287
29	39,497,251	5,363,753	5,363,753	-	891,261	-	891,261
30	36,530,766	5,072,275	5,072,275	-	791,388	-	791,388
31	33,671,518	4,781,033	4,781,033	-	700,420	-	700,420
32	30,926,568	4,488,138	4,488,138	-	617,381	-	617,381
33	28,305,313	4,200,354	4,200,354	-	542,530	-	542,530
34	25,810,551	3,918,378	3,918,378	-	475,220	-	475,220
35	23,444,595	3,643,694	3,643,694	-	414,935	-	414,935
36	21,208,277	3,376,719	3,376,719	-	361,064	-	361,064
37	19,102,081	3,117,839	3,117,839	-	313,035	-	313,035
38	17,126,143	2,867,846	2,867,846	-	270,362	-	270,362
39	15,279,758	2,627,160	2,627,160	-	232,556	-	232,556
40	13,561,743	2,396,133	2,396,133	-	199,160	-	199,160
41	11,970,475	2,175,082	2,175,082	-	169,753	-	169,753
42	10,503,896	1,964,326	1,964,326	-	143,948	-	143,948
43	9,159,488	1,764,177	1,764,177	-	121,390	-	121,390
44	7,934,244	1,574,983	1,574,983	-	101,758	-	101,758
45	6,824,606	1,397,072	1,397,072	-	84,754	-	84,754
46	5,826,443	1,230,715	1,230,715	-	70,105	-	70,105
47	4,935,078	1,076,163	1,076,163	-	57,560	-	57,560
48	4,145,271	933,609	933,609	-	46,888	-	46,888
49	3,451,240	803,142	803,142	-	37,874	-	37,874
50	2,846,737	684,738	684,738	-	30,319	-	30,319

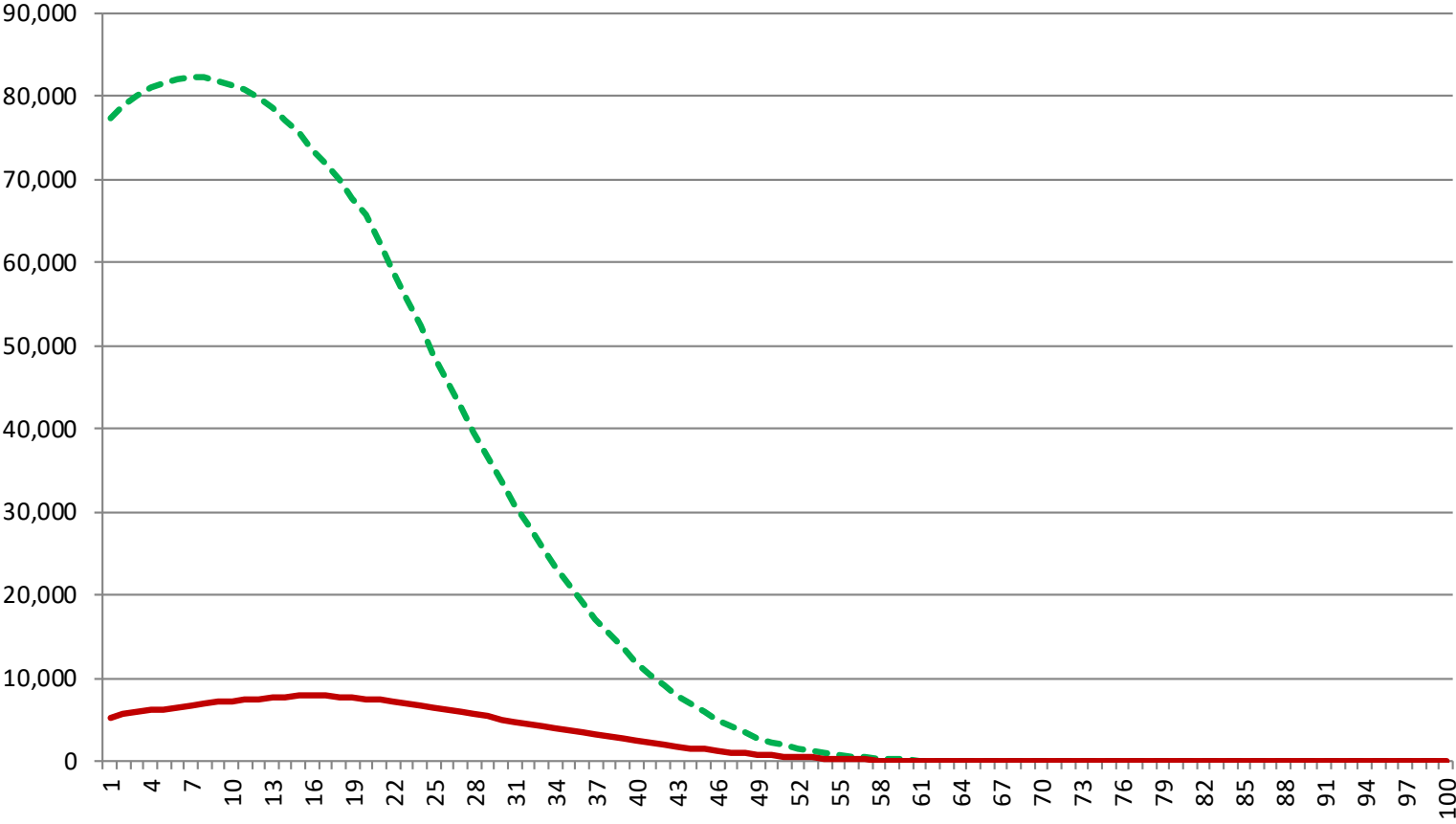
Single Discount Rate Development

Present Values of Projected Benefit Payments (Concluded)

Year	Projected	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of	Present Value of	Present Value of
	Beginning Plan Net Position				Funded Benefit Payments using Expected Return Rate (v)	Unfunded Benefit Payments using Municipal Bond Rate (vf)	Benefit Payments using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^{(a)-5}	(g)=(e)*vf ^{(a)-5}	(h)=(c)/(1+sdr) ^{(a)-5}
51	\$ 2,325,134	\$ 578,237	\$ 578,237	\$ -	\$ 24,041	\$ -	\$ 24,041
52	1,879,534	483,369	483,369	-	18,870	-	18,870
53	1,502,873	399,755	399,755	-	14,653	-	14,653
54	1,188,017	326,881	326,881	-	11,251	-	11,251
55	927,901	264,106	264,106	-	8,535	-	8,535
56	715,661	210,695	210,695	-	6,394	-	6,394
57	544,744	165,857	165,857	-	4,726	-	4,726
58	408,990	128,744	128,744	-	3,444	-	3,444
59	302,712	98,480	98,480	-	2,474	-	2,474
60	220,758	74,189	74,189	-	1,750	-	1,750
61	158,545	55,007	55,007	-	1,218	-	1,218
62	112,084	40,125	40,125	-	834	-	834
63	77,961	28,785	28,785	-	562	-	562
64	53,323	20,297	20,297	-	372	-	372
65	35,842	14,060	14,060	-	242	-	242
66	23,662	9,562	9,562	-	155	-	155
67	15,332	6,380	6,380	-	97	-	97
68	9,745	4,174	4,174	-	59	-	59
69	6,071	2,675	2,675	-	36	-	36
70	3,705	1,679	1,679	-	21	-	21
71	2,213	1,030	1,030	-	12	-	12
72	1,294	618	618	-	7	-	7
73	739	363	363	-	4	-	4
74	413	208	208	-	2	-	2
75	226	116	116	-	1	-	1
76	120	63	63	-	1	-	1
77	63	34	34	-	0	-	0
78	32	18	18	-	0	-	0
79	16	9	9	-	0	-	0
80	8	5	5	-	0	-	0
81	4	2	2	-	0	-	0
82	2	1	1	-	0	-	0
83	1	1	1	-	0	-	0
84	0	0	0	-	0	-	0
85	0	0	0	-	0	-	0
86	0	0	0	-	0	-	0
87	0	0	0	-	0	-	0
88	0	0	0	0	0	0	0
89	0	-	-	-	-	-	-
90	0	-	-	-	-	-	-
91	0	-	-	-	-	-	-
92	0	-	-	-	-	-	-
93	0	-	-	-	-	-	-
94	0	-	-	-	-	-	-
95	0	-	-	-	-	-	-
96	0	-	-	-	-	-	-
97	0	-	-	-	-	-	-
98	0	-	-	-	-	-	-
99	0	-	-	-	-	-	-
100	0	-	-	-	-	-	-
Totals					\$ 95,141,122	\$ -	\$ 95,141,122

Projection of Plan Net Position and Benefit Payments

\$ [thousands]



--- Projected Plan Net Position — Projected Benefit Payments for Current Members

Year

State Reporting Assumptions

The Protecting Local Government Retirement and Benefits Act, Public Act 202 of 2017, was put into law effective December 20, 2017. One outcome of the law is the requirement for the local unit of government to provide select reporting disclosures to the State. Sec. 5(1) of the Act provides the State treasurer with the authority to annually establish uniform actuarial assumptions for purposes of developing the requisite disclosures. Below you will find information which may be used to assist the local unit of government with required reporting.

Uniform Assumptions, as applicable to the measurement and the required disclosures under uniform assumptions are denoted below. Additional discussion of PA 202 and uniform assumptions may be found on the State website in the *Public Act 202: Selection of the Uniform Assumptions for Fiscal Year 2021* memo dated October 22, 2020.

Uniform Assumption	PA 202	Valuation Assumption Used	Uniform Assumption Used
Investment Rate of Return Discount Rate	Maximum of 7.00%	6.50%	6.50%
Salary Increase	Minimum of 3.00% or based on experience study within last 5 years	3.25% + Merit and longevity (based on experience study issued February 5, 2021)	3.25% + Merit and longevity (based on experience study issued February 5, 2021)
Mortality	Version of Pub-2010 tables with generational mortality improvement using scale MP-2019 or based on experience study within last 5 years	A version of Pub-2010 with generational mortality improvement using scale MP-2020 (based on experience study issued February 5, 2021)	A version of Pub-2010 with generational mortality improvement using scale MP-2020 (based on experience study issued February 5, 2021)
Amortization of the Unfunded Accrued Actuarial Liability: Period	Maximum Period of 18 Years	19.75 years	18 years
Method	Closed Plans: Level Dollar Open Plans: Level Percent of Payroll or Level Dollar	Level Dollar	Level Dollar
Type	Closed	Closed	Closed

State Reporting

The following information has been prepared to provide some of the information necessary to complete the pension reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form 5572). Additional resources are available on the State website.

Line	Descriptive Information	
18	Actuarial Assumptions¹	
19	Actuarial assumed rate of investment return ²	6.50%
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Dollar
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	19.75
22	Is each division within the system closed to new employees?	Yes
23	Uniform Assumptions³	
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	\$ 71,688,431
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions	\$ 89,393,652
26	Funded ratio using uniform assumptions	80.2%
27	Actuarially Determined Contribution (ADC) using uniform assumptions ⁴	\$ 2,523,182
28	All systems combined ADC/Governmental fund revenues	Auto ⁵

¹ Information on lines 19-22 can be found on Tables 5 and 6 in this report.

² Net of administrative and investment expenses.

³ Information on lines 24-28 is based on assumptions listed on the prior page.

⁴ Calculated as of December 31, 2021 applicable for fiscal year ending December 31, 2022.

⁵ Automatically calculated by State of Michigan Form 5572.

GASB Statement No. 67 Supplementary Information

Summary of Actuarial Methods and Assumptions Used to Determine Contribution Rates

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation is provided below:

Valuation Date:

Actuarially determined contribution amounts for fiscal year 2021 are calculated based upon the results of the December 31, 2020 actuarial valuation

Methods and Assumptions Used to Determine Contribution Rates for the Fiscal Year Ending December 31, 2021:

Actuarial Cost Method	Entry-Age Normal
Amortization Method	Level Dollar
Remaining Amortization Period	20.75 years
Asset Valuation Method	5-Year Smoothed Market
Wage Inflation	3.25%
Salary Increases	3.44% to 7.00% including inflation
Investment Rate of Return	6.50% (net of administrative expenses)
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	Healthy Pre-Retirement: Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010. Healthy Post-Retirement: Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010. Disability Retirement: Pub-2010 General Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010.

Other Information:

Notes



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – 2021 Retiree Health Care Trust GASB 74/75 and 2022 Contribution
Date: May 6, 2022

Action Requested: Motion to Receive and File / Approve Contribution

That the Board of Commissioners (1) receive and file the Governmental Accounting Standards Board Statements (GASB) No. 74 and 75 and the Retiree Health Care Trust Valuation; and (2) approve making the annual required contribution in the amount of \$216,310 as recommended by Chief of Finance Shedreka Miller and staff.

Fiscal Impact: \$1,250,000 was included in the general fund budget. A contribution of \$216,310 will result in savings of \$1,033,690.

Background: The Retiree Health Care Trust Board is expected to support making this recommendation at their meeting preceding the May Board meeting.

To remain in compliance with Governmental accounting standards, GRS performed the necessary work to produce GASB Statements No. 74 and 75 for the year ended Dec. 31, 2021.

Statement No. 74 is the accounting standard, which applies to other postemployment (non-pension) benefits that are administered through trusts or equivalent arrangements. GASB No. 75 establishes accounting and financial reporting requirements for state and local government employers that provide their employees with postemployment benefits other than pensions.

This report is not an appropriate measure for measuring sufficiency of plan assets or to assess the need for or amount of future employer contributions. It should be considered in conjunction with the actuarial valuation report.

The Retiree Health Care Trust valuation is performed every other year. The valuation performed for year ending Dec. 31, 2020 developed an actuarially computed employer contribution for fiscal year ending 2020 (\$248,174) and for fiscal year ending 2021 (\$216,310). The valuation was developed using the updated assumptions approved by the Board at the February 2020 meeting.

It is requested that the Board of Commissioners approve that \$216,310 of funding be contributed at this time. Should current revenue and expenditure trends increase, an additional contribution may be considered later in the year.

Attachments: Retiree Health Care Plan GASB Statement No. 74 and 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions as of December 31, 2021

Huron-Clinton Metropolitan Authority Retiree Health Care Plan

GASB Statement Nos. 74 and 75, Accounting and Financial
Reporting for Postemployment Benefits Other Than Pensions
December 31, 2021



April 13, 2022

Ms. Shedreka Miller
Chief of Finance
Huron-Clinton Metropolitan Authority
13000 High Ridge Drive
Brighton, Michigan 48114

Dear Ms. Miller:

This report provides information on behalf of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan in connection with the Governmental Accounting Standards Board (GASB) Statement Nos. 74 and 75. GASB Statement No. 74 is the accounting standard, which applies to Other Postemployment Benefits (OPEB) plans that are administered through trusts or equivalent arrangements. GASB Statement No. 75 establishes accounting and financial reporting requirements for state and local government employers that provide their employees with postemployment benefits other than pensions.

The calculation of the liability associated with the benefits described in this report was performed for the purpose of satisfying the requirements of GASB Statement Nos. 74 and 75. The Net OPEB Liability is not an appropriate measure for measuring the sufficiency of plan assets to cover the estimated cost of settling the employer's benefit obligation. The Net OPEB Liability is not an appropriate measure for assessing the need for or amount of future employer contributions. The calculation of the plan's liability for this report is not applicable for funding purposes of the plan. A calculation of the plan's liability for purposes other than satisfying the requirements of GASB Statement Nos. 74 and 75 may produce significantly different results. This report may be provided to parties other than the Huron-Clinton Metropolitan Authority Retiree Health Care Plan only in its entirety and only with the permission of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. GRS is not responsible for unauthorized use of this report.

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to participant data, economic, demographic, health care trend, morbidity assumptions, and benefit provisions.

This report is based upon information, furnished to us by the Authority, concerning other postemployment benefits (OPEB), active members, deferred vested members, retirees and beneficiaries, and financial data. This information was checked for internal consistency, but it was not audited.

Based on the available data, the information contained in this report is accurate and fairly represents the actuarial position of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan as of the reporting date. All calculations have been made in conformity with generally accepted actuarial principles and practices as well as the Actuarial Standards of Practice. If you have reason to believe that the information provided in this report is inaccurate, or is in any way incomplete, or if you need further information in order to make an informed decision on the subject matter of this report, please contact the authors of the report prior to making such decision.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements; and changes in plan provisions or applicable law.

This report was prepared using our proprietary valuation model and related software which, in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

This report was prepared during the recent and still-developing COVID-19 pandemic, which is likely to influence demographic and economic experience, at least in the short term. Results in this report are developed based on available data without adjustment. We will continue to monitor these developments and their impact on the Retiree Health Care Plan. Actual experience will be reflected in each subsequent report, as experience emerges.


Section I of the report details the calculation of the single discount rate and is not required to be included in your financial statements. However, this information may be requested by your auditors; therefore, we have included it in this report.

In addition, Section J of this report contains some of the information necessary to complete the OPEB reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form 5572). This information is not required to be included in your financial statements.

The signing actuaries are independent of the plan sponsor.

James D. Anderson and Laura Frankowiak are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

Respectfully submitted,
Gabriel, Roeder, Smith & Company



James D. Anderson, FSA, EA, FCA, MAAA



Laura Frankowiak, ASA, FCA, MAAA

JDA/LF:dj

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

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SECTION A

EXECUTIVE SUMMARY

Executive Summary as of December 31, 2021

	2021
Actuarial Valuation Date	December 31, 2020
Measurement Date of the Net OPEB Liability	December 31, 2021
Employer's Fiscal Year Ending Date (Reporting Date)	December 31, 2021
Membership^{1,2}	
Number of	
- Retirees and Beneficiaries	165
- Inactive, Nonretired Members	0
- Active Members	118
- Total	283
Covered Payroll ³	\$ 8,606,040
Net OPEB Liability	
Total OPEB Liability	\$ 32,569,310
Plan Fiduciary Net Position	36,926,969
Net OPEB Liability	\$ (4,357,659)
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	113.38 %
Net OPEB Liability as a Percentage of Covered Payroll	(50.63)%
Development of the Single Discount Rate	
Single Discount Rate	6.50 %
Long-Term Expected Rate of Investment Return	6.50 %
Long-Term Municipal Bond Rate ⁴	1.84 %
Last year ending December 31 in the 2022 to 2121 projection period for which projected benefit payments are fully funded	2121
Total OPEB Expense	\$ (3,322,574)

Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future OPEB Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 0	\$ 6,641,302
Changes in assumptions	1,170,402	290,135
Net difference between projected and actual earnings on OPEB plan investments	662,068	2,643,664
Total	\$ 1,832,470	\$ 9,575,101

¹ As of the Actuarial Valuation Date. GRS does not have the membership counts as of December 31, 2021.

Huron-Clinton Metropolitan Authority staff and auditors may decide that providing membership counts as of the valuation date is sufficient to meet GASB disclosure requirements. Alternatively, the Authority staff may decide to update the membership counts to be as of the Plan's fiscal year end.

² Includes 4 active members and 18 retirees eligible for life insurance only.

³ Payroll separately provided by the employer.

⁴ Source: Fixed-income municipal bonds with 20 years to maturity that include only federally tax-exempt municipal bonds as reported in Fidelity Index's "20-Year Municipal GO AA Index" as of December 31, 2021. In describing this index, Fidelity notes that the municipal curves are constructed using option-adjusted analytics of a diverse population of over 10,000 tax exempt securities.

Discussion

Accounting Standard

For Other Postemployment Benefit (OPEB) plans that are administered through trusts or equivalent arrangements, Governmental Accounting Standards Board (GASB) Statement No. 74, "Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans," replaces the requirements of GASB Statement No. 43, "Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans." Similarly, GASB Statement No. 75 establishes standards for state and local government employers (as well as non-employer contributing entities) to account for and disclose net OPEB liability, OPEB expense, and other information associated with providing OPEB to their employees (and former employees) on their financial statements.

GASB Statement Nos. 74 and 75 are effective for fiscal years beginning after June 15, 2016 and June 15, 2017, respectively.

The following discussion provides a summary of the information that is required to be disclosed under these accounting standards. A number of these disclosure items are provided in this report. However, certain information, such as notes regarding accounting policies and investments, is not included in this report. As a result, the plan sponsor will be responsible for preparing and disclosing the non-actuarial information needed to comply with these accounting standards.

Financial Statements

GASB Statement No. 75 requires state and local government employers to recognize the net OPEB liability and the OPEB expense on their financial statements, along with the related deferred outflows and inflows of resources. The net OPEB liability is the difference between the total OPEB liability and the plan's fiduciary net position. In traditional actuarial terms, this is analogous to the accrued liability less the market value of assets.

GASB Statement No. 75 states the employer contributions made to the OPEB plan subsequent to the measurement date and before the end of the employer's reporting period should be reported as a deferred outflow of resources. The information contained in this report does not incorporate any employer contributions made subsequent to the measurement date of December 31, 2021.

The OPEB expense recognized each fiscal year is equal to the change in the net OPEB liability from the beginning of the year to the end of the year, adjusted for deferred recognition of the liability and investment experience.

GASB Statement No. 74 requires defined benefit OPEB plans which are administered as trusts or equivalent arrangements to present two financial statements: a statement of fiduciary net position and a statement of changes in fiduciary net position. The statement of fiduciary net position presents the assets and liabilities of the OPEB plan at the end of the OPEB plan's reporting period. The statement of changes in fiduciary net position presents the additions, such as contributions and investment income, and deductions, such as benefit payments and expense, and net increase or decrease in the fiduciary net position.

Implicit Subsidy

GASB Statements No. 75 and No. 68 are conceptually very similar in terms of the liability which is recognized on the balance sheet, the expense calculation, and the corresponding deferred outflows and inflows of resources. The main differences between the standards are related to the differences between pension and health care benefits. One particular difference is a concept referred to as the “implicit subsidy,” which applies to health plans that utilize blended premiums, that has no counterpart in GASB Statement No. 68. The Huron-Clinton Metropolitan Authority Retiree Health Care Plan’s health plan utilizes a “blended premium” structure for its health plan. Said another way, the overall health care premiums for active employees and non-Medicare retirees are stated in terms of a single “blended premium.” The difference between the underlying retiree claims and the blended overall health care premium is referred to as an “implicit” or “hidden” subsidy. Because the underlying claims costs for a non-Medicare retiree are on average higher than the blended premium, there is a positive implicit subsidy for the non-Medicare retirees.

GASB defines the employer provided OPEB benefit as the difference between the underlying claims costs and the premium contributions made by retirees. As a result, the employer’s portion of the blended health care premium is not what GASB considers the employer benefit. In order to account for the employer provided OPEB benefit as it is defined by GASB, the explicit premium subsidies need to be adjusted to reflect the implicit subsidy (the difference between the estimated retiree claims and the overall premiums).

For plans that use a blended premium structure, Illustrations B1-1 and B1-2 of Implementation Guide No. 2017-3 describe how a portion of the payments made on behalf of the active employees should be reclassified as benefit payments for retiree health care to reflect the retirees’ underlying claims costs. Adjusting the explicit health care costs for active employees and retirees by the implicit subsidy estimates provided in this report is equivalent to the reclassification described in the Implementation Guide. **It is important to note that the implicit subsidy is considered an employer contribution and any employer contributions related to OPEB need to include the implicit subsidy.** This report provides the estimated implicit subsidy in Section B for the measurement period that can be used to determine the implicit subsidy for the purpose of the deferred outflow of resources related to benefit payments made after the measurement date.

To summarize, because the health plan utilizes blended premiums, the benefit payments for GASB Statement No. 75 purposes need to include an adjustment for the implicit subsidy. This adjustment reflects the underlying cost of the benefits provided to retirees, which is how GASB defines the employer’s OPEB benefit/liability. This adjustment is needed for the benefits during the measurement period and also for the purpose of the deferred outflow related to the benefits paid after the measurement date.

Notes to Financial Statements

GASB Statement No. 75 requires the notes of the employer's financial statements to disclose the total OPEB expense, the OPEB plan's liabilities and assets, and deferred outflows of resources and inflows of resources related to OPEB.

GASB Statement Nos. 74 and 75 require the notes of the financial statements for employers and OPEB plans to include certain additional information. The list of disclosure items should include:

- The name of the OPEB plan, the administrator of the OPEB plan, and the identification of whether the OPEB plan is a single-employer, agent, or cost-sharing OPEB plan;
- A description of the benefits provided by the plan;
- A brief description of changes in benefit terms or assumptions that affected the measurement of the total OPEB liability since the prior measurement date;
- The number of plan members by category and if the plan is closed;
- A description of the plan's funding policy, which includes member and employer contribution requirements;
- The OPEB plan's investment policies;
- The OPEB plan's fiduciary net position and the net OPEB liability;
- The net OPEB liability using +/- 1% on the discount rate;
- The net OPEB liability using +/- 1% on the healthcare trend rate;
- Significant assumptions and methods used to calculate the total OPEB liability;
- Inputs to the discount rates; and
- Certain information about mortality assumptions and the dates of experience studies.

OPEB plans that are administered through trusts or equivalent arrangements are required to disclose additional information in accordance with GASB Statement No. 74. This information includes:

- The composition of the OPEB plan's Board and the authority under which benefit terms may be amended;
- A description of how fair value is determined;
- Information regarding certain reserves and investments, which include concentrations of investments greater than or equal to 5%, receivables, and insurance contracts excluded from plan assets; and
- Annual money-weighted rate of return.

Required Supplementary Information

GASB Statement No. 75 requires a 10-year fiscal history of:

- Sources of changes in the net OPEB liability.
- Information about the components of the net OPEB liability and related ratios, including the OPEB plan's fiduciary net position as a percentage of the total OPEB liability, and the net OPEB liability as a percent of covered-employee payroll.
- Comparison of the actual employer contributions to the actuarially determined contributions based on the plan's funding policy.
- For plans with an actuarially determined contribution, the schedule covering each of the 10 most recent fiscal years of the actuarially determined contribution, contributions to the OPEB plan and related ratios.

Frequency and Timing of the Actuarial Valuation

An actuarial valuation to determine the total OPEB liability is required to be performed at least every two years. For the employer's financial reporting purposes, the net OPEB liability and OPEB expense should be measured as of the employer's "measurement date," which may not be earlier than the employer's prior fiscal year end-date. If the actuarial valuation used to determine the total OPEB liability is not calculated as of the measurement date, the total OPEB liability is required to be rolled forward from the actuarial valuation date to the measurement date.

The total OPEB liability shown in this report is based on an actuarial valuation performed as of December 31, 2020 and a measurement date of December 31, 2021.

Single Discount Rate

Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects: (1) a long-term expected rate of return on OPEB plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits); and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 6.50%; the municipal bond rate is 1.84% (based on the daily rate closest to but not later than the measurement date of the Fidelity "20-Year Municipal GO AA Index"); and the resulting Single Discount Rate is 6.50%.

Actuarial Assumptions

The actuarial assumptions used to value the liabilities are outlined in detail in Section H. The assumptions include details on the health care trend assumption, the aging factors, as well as the cost method used to develop the OPEB expense. Certain actuarial assumptions were based upon the result of an experience study dated February 5, 2021.

Future Uncertainty or Risk

Future results may differ from those anticipated in this valuation. Reasons include, but are not limited to:

- Actual medical trend differing from expected;
- Changes in the healthcare plan designs offered to active and retired members; and
- Participant behavior differing from expected; e.g.,
 - Elections at retirement;
 - One-person versus two-person coverage elections; and
 - Time of retirement or termination.

Benefits Valued

The benefit provisions that were valued are described in Section E. The valuation is required to be performed on the current benefit terms and existing legal agreements. Consideration is to be given to the written plan document as well as other communications between the employer and plan members and an established pattern of practice for cost sharing. The summary of major plan provisions is designed to outline principal plan benefits. If the plan summary is not in accordance with the actual provisions, please alert the actuaries immediately, so they can both be sure the proper provisions are valued.

SECTION B

FINANCIAL STATEMENTS

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Statement of OPEB Expense under GASB Statement No. 75

Fiscal Year Ended December 31, 2021

A. Expense

1. Service Cost	\$	352,270
2. Interest on the Total OPEB Liability		2,443,565
3. Current-Period Benefit Changes		0
4. Employee Contributions (made negative for addition here)		0
5. Projected Earnings on Plan Investments (made negative for addition here)		(2,241,503)
6. OPEB Plan Administrative Expense		0
7. Other Changes in Plan Fiduciary Net Position		0
8. Recognition of Outflow (Inflow) of Resources due to Liabilities		(3,532,574)
9. Recognition of Outflow (Inflow) of Resources due to Assets		(344,332)
10. Total OPEB Expense	\$	(3,322,574)

Recognition of Deferred Outflows and Inflows of Resources

Differences between expected and actual experience and changes in assumptions are recognized in OPEB expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with OPEB through the OPEB plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the current measurement period, the expected remaining service lives of all active employees in the plan was approximately 893 years. Additionally, the total plan membership (active employees and inactive employees) was 283 as of the valuation date. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the current measurement period is 3.1548 years.

Additionally, differences between projected and actual earnings on OPEB plan investments should be recognized in the OPEB expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the OPEB expense as a level dollar amount over the closed period identified above.

Statement of Outflows and Inflows Arising from Current Reporting Period Fiscal Year Ended December 31, 2021

A. Outflows (Inflows) of Resources Due to Liabilities

1. Difference between expected and actual experience of the Total OPEB Liability (gains) or losses	\$	(8,134,105)
2. Assumption Changes (gains) or losses	\$	1,197,161
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}		3.1548
4. Outflow (Inflow) of Resources to be recognized in the current OPEB expense for the difference between expected and actual experience of the Total OPEB Liability	\$	(2,578,327)
5. Outflow (Inflow) of Resources to be recognized in the current OPEB expense for assumption changes	\$	379,473
6. Outflow (Inflow) of Resources to be recognized in the current OPEB expense due to Liabilities	\$	(2,198,854)
7. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses for the difference between expected and actual experience of the Total OPEB Liability	\$	(5,555,778)
8. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses for assumption changes	\$	817,688
9. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses due to Liabilities	\$	(4,738,090)

B. Outflows (Inflows) of Resources Due to Assets

1. Net difference between projected and actual earnings on OPEB plan investments (gains) or losses	\$	(729,308)
2. Recognition period for Assets {in years}		5.0000
3. Outflow (Inflow) of Resources to be recognized in the current OPEB expense due to Assets	\$	(145,862)
4. Deferred Outflow (Inflow) of Resources to be recognized in future OPEB expenses due to Assets	\$	(583,446)

Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods Fiscal Year Ended December 31, 2021

A. Outflows and Inflows of Resources by Source to be Recognized in Current OPEB Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$ 0	\$ 4,378,787	\$ (4,378,787)
2. Assumption changes	1,034,833	188,620	846,213
3. Net difference between projected and actual earnings on OPEB plan investments	662,068	1,006,400	(344,332)
4. Total	\$ 1,696,901	\$ 5,573,807	\$ (3,876,906)

B. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future OPEB Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	\$ 0	\$ 6,641,302	\$ (6,641,302)
2. Assumption changes	1,170,402	290,135	880,267
3. Net difference between projected and actual earnings on OPEB plan investments	662,068	2,643,664	(1,981,596)
4. Total	\$ 1,832,470	\$ 9,575,101	\$ (7,742,631)

C. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future OPEB Expenses

Year Ending December 31	Net Deferred Outflows of Resources
2022	\$ (3,395,117)
2023	(3,376,266)
2024	(825,388)
2025	(145,860)
2026	0
Thereafter	0
Total	\$ (7,742,631)

Employer contributions that were made subsequent to the measurement date of the net OPEB liability and prior to the end of the employer's reporting period should be reported by the employer as a deferred outflow of resources related to OPEB. The information contained in this report does not incorporate any contributions made subsequent to the measurement date.

See paragraph 44 of GASB Statement No. 75 for single and agent employers with trusted plans.

Also, Question 4.32 of Implementation Guide No. 2017-1 provides additional guidance for trusted plans.

Recognition of Deferred Outflows and Inflows of Resources Fiscal Year Ended December 31, 2021

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) Due to Differences between Expected and Actual Experience on Liabilities					
2018	\$ (174,627)	4.2325	\$ (41,259)	\$ (9,591)	0.2325
2019	(5,767,513)	3.5382	(1,630,070)	(877,303)	0.5382
2020	(456,892)	3.5382	(129,131)	(198,630)	1.5382
2021	(8,134,105)	3.1548	(2,578,327)	(5,555,778)	2.1548
Total			\$ (4,378,787)	\$ (6,641,302)	
Deferred Outflow (Inflow) Due to Assumption Changes					
2018	\$ 0	4.2325	\$ 0	\$ 0	0.2325
2019	2,318,794	3.5382	655,360	352,714	0.5382
2020	(667,375)	3.5382	(188,620)	(290,135)	1.5382
2021	1,197,161	3.1548	379,473	817,688	2.1548
Total			\$ 846,213	\$ 880,267	
Deferred Outflow (Inflow) Due to Differences between Projected and Actual Earnings on Plan Investments¹					
2018	\$ 3,310,340	5.0000	\$ 662,068	\$ 662,068	1.0000
2019	(2,606,963)	5.0000	(521,393)	(1,042,784)	2.0000
2020	(1,695,724)	5.0000	(339,145)	(1,017,434)	3.0000
2021	(729,308)	5.0000	(145,862)	(583,446)	4.0000
Total			\$ (344,332)	\$ (1,981,596)	

¹ The 2019 deferred outflow (inflow) due to differences between projected and actual earnings on plan investments was revised since the previously published 12/31/2019 GASB Statement Nos. 74 and 75 report.

Statement of Fiduciary Net Position as of December 31, 2021

	2021
Assets	
Cash and Deposits	\$ 0
Receivables	
Accounts Receivable - Sale of Investments	\$ 0
Accrued Interest and Other Dividends	20,081
Contributions	0
Accounts Receivable - Other	0
Total Receivables	\$ 20,081
Investments	
Fixed Income	\$ 15,465,727
Domestic Equities	11,212,419
International Equities	8,965,754
Real Estate	1,194,120
Other - Prepaid Expenses	106,442
Total Investments	\$ 36,944,462
Total Assets	\$ 36,964,543
Liabilities	
Payables	
Accounts Payable - Purchase of Investments	\$ 0
Accrued Expenses	37,574
Accounts Payable - Other	0
Total Liabilities	\$ 37,574
Net Position Restricted for OPEB	\$ 36,926,969

Statement of Changes in Fiduciary Net Position for Year Ended December 31, 2021

	2021
Additions	
Contributions	
Employer*	\$ 356,508
Nonemployer contributing entities	0
Active Employees	0
Other	0
Total Contributions	\$ 356,508
Investment Income	
Net Appreciation in Fair Value of Investments	\$ 2,216,204
Interest and Dividends	901,769
Less Investment Expense	(147,162)
Net Investment Income	\$ 2,970,811
Other	\$ 0
Total Additions	\$ 3,327,319
 Deductions	
Benefit Payments*	\$ 1,413,519
OPEB Plan Administrative Expense	0
Other	0
Total Deductions	\$ 1,413,519
Net Increase in Net Position	\$ 1,913,800
 Net Position Restricted for OPEB	
Beginning of Year	\$ 35,013,169
End of Year	\$ 36,926,969

* Includes an adjustment for any implicit rate subsidy present in the pre-65 rates. See page 13 for more detail.

SECTION C

REQUIRED SUPPLEMENTARY INFORMATION

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Schedule of Changes in Net OPEB Liability and Related Ratios

Current Reporting Period

Fiscal Year Ended December 31, 2021

A. Total OPEB liability	
1. Service cost	\$ 352,270
2. Interest on the total OPEB liability	2,443,565
3. Changes of benefit terms	0
4. Difference between expected and actual experience of the total OPEB liability	(8,134,105)
5. Changes of assumptions	1,197,161
6. Benefit payments, including refunds of employee contributions ¹	(1,413,519)
7. Net change in total OPEB liability	(5,554,628)
8. Total OPEB liability – beginning	38,123,938
9. Total OPEB liability – ending	\$ 32,569,310
B. Plan fiduciary net position	
1. Contributions – employer ¹	\$ 356,508
2. Contributions – nonemployer contributing entities	0
3. Contributions – employee	0
4. Net investment income	2,970,811
5. Benefit payments, including refunds of employee contributions ¹	(1,413,519)
6. OPEB plan administrative expense	0
7. Other	0
8. Net change in plan fiduciary net position	1,913,800
9. Plan fiduciary net position – beginning	35,013,169
10. Plan fiduciary net position – ending	\$ 36,926,969
C. Net OPEB liability	\$ (4,357,659)
D. Plan fiduciary net position as a percentage of the total OPEB liability	113.38 %
E. Covered-employee payroll²	\$ 8,606,040
F. Net OPEB liability as a percentage of covered-employee payroll	(50.63)%

The benefit payments during the measurement period were determined as follows:

a. Explicit Benefit Payments	\$ 1,306,272	(provided separately by the employer)
b. Implicit Benefit Payments	107,247	
c. Total Benefit Payments ¹	\$ 1,413,519	

¹ Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.

² Payroll separately provided by the employer.

Schedules of Required Supplementary Information

Schedule of Changes in Net OPEB Liability and Related Ratios Multiyear

Fiscal year ending December 31,	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Total OPEB liability										
Service cost	\$ 352,270	\$ 420,296	\$ 411,122	\$ 479,878	\$ 458,291					
Interest on the total OPEB liability	2,443,565	2,514,887	2,643,627	2,564,158	2,446,452					
Changes of benefit terms	0	0	0	0	623,336					
Difference between expected and actual experience	(8,134,105)	(456,892)	(5,767,513)	(174,627)	(116,301)					
Changes of assumptions	1,197,161	(667,375)	2,318,794	0	0					
Benefit payments, including refunds of employee contributions ¹	(1,413,519)	(1,468,823)	(1,566,933)	(1,748,487)	(1,609,094)					
Net change in total OPEB liability	(5,554,628)	342,093	(1,960,903)	1,120,922	1,802,684					
Total OPEB liability - beginning	38,123,938	37,781,845	39,742,748	38,621,826	36,819,142					
Total OPEB liability - ending (a)	\$ 32,569,310	\$ 38,123,938	\$ 37,781,845	\$ 39,742,748	\$ 38,621,826					
Plan fiduciary net position										
Employer contributions ¹	\$ 356,508	\$ 1,171,120	\$ 1,254,016	\$ 1,692,133	\$ 2,149,330					
Nonemployer contributing entities contributions	0	0	0	0	0					
Employee contributions	0	0	0	0	420					
OPEB plan net investment income	2,970,811	3,811,860	4,566,866	(1,364,828)	3,480,640					
Benefit payments, including refunds of employee contributions ¹	(1,413,519)	(1,468,823)	(1,566,933)	(1,748,487)	(1,609,094)					
OPEB plan administrative expense ²	0	0	(122,383)	(122,450)	(101,359)					
Other	0	0	0	0	0					
Net change in plan fiduciary net position	1,913,800	3,514,157	4,131,566	(1,543,632)	3,919,937					
Plan fiduciary net position - beginning	35,013,169	31,499,012	27,368,175	28,911,807	24,991,870					
Plan fiduciary net position - ending (b)	\$ 36,926,969	\$ 35,013,169	\$ 31,499,741	\$ 27,368,175	\$ 28,911,807					
Net OPEB liability - ending (a) - (b)	\$ (4,357,659)	\$ 3,110,769	\$ 6,282,833	\$ 12,374,573	\$ 9,710,019					
Plan fiduciary net position as a percentage of total OPEB liability	113.38 %	91.84 %	83.37 %	68.86 %	74.86 %					
Covered-employee payroll³	\$ 8,606,040	\$ 8,914,232	\$ 8,981,404	\$ 9,013,973	\$ 8,866,219					
Net OPEB liability as a percentage of covered-employee payroll	(50.63)%	34.90 %	69.95 %	137.28 %	109.52 %					

¹ Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.

² HCMA reported a change in reported administration expense after the issuance of the 2019 GASB Statement Nos. 74 and 75 report. As a result, the end of year 2019 Plan Fiduciary Net Position does not equal the beginning of year Plan fiduciary Net position (for 2020).

³ Payroll separately provided by the employer.

Schedules of Required Supplementary Information

Schedule of the Net OPEB Liability Multiyear

FY Ending December 31,	Total OPEB Liability	Plan Net Position	Net OPEB Liability	Plan Net Position as a % of Total OPEB Liability	Covered Payroll ¹	Net OPEB Liability as a % of Covered Payroll
2012						
2013						
2014						
2015						
2016						
2017	\$ 38,621,826	\$ 28,911,807	\$ 9,710,019	74.86 %	\$ 8,866,219	109.52 %
2018	39,742,748	27,368,175	12,374,573	68.86 %	9,013,973	137.28 %
2019	37,781,845	31,499,741	6,282,104	83.37 %	8,981,404	69.95 %
2020	38,123,938	35,013,169	3,110,769	91.84 %	8,914,232	34.90 %
2021	32,569,310	36,926,969	(4,357,659)	113.38 %	8,606,040	(50.63)%

¹ Payroll separately provided by the employer.

Schedule of Contributions Multiyear

FY Ending December 31,	Actuarially Determined Contribution	Actual Contribution ¹	Contribution Deficiency (Excess)	Covered Payroll ²	Actual Contribution as a % of Covered Payroll
2012					
2013					
2014					
2015					
2016					
2017	\$ 1,415,660	\$ 2,149,330	\$ (733,670)	\$ 8,866,219	24.24 %
2018	1,395,565	1,692,133	(296,568)	9,013,973	18.77 %
2019	1,086,078	1,254,016	(167,938)	8,981,404	13.96 %
2020	1,060,774	1,171,120	(110,346)	8,914,232	13.14 %
2021	248,174	356,508	(108,334)	8,606,040	4.14 %

¹ Includes an adjustment for any implicit rate subsidy present in the pre-65 rates.

² Payroll separately provided by the employer.

Notes to Schedule of Contributions

Methods and Assumptions Used to Determine Contribution Amounts for the Fiscal Year Ending December 31, 2021*:

Actuarial Cost Method	Entry-Age Normal
Amortization Method	Level Dollar
Remaining Amortization Period	20.75 years, Closed
Asset Valuation Method	5-Year Smoothed Market
Wage Inflation	3.25%
Salary Increases	3.69% to 7.25%, including wage inflation
Investment Rate of Return	6.50%, net of OPEB plan expenses
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	Healthy Pre-Retirement: Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010. Healthy Post-Retirement: Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010. Disability Retirement: Pub-2010 General Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010.
Health Care Trend Rates	Pre-65: 7.50% trend for the first year, gradually decreasing to 3.50% in year 12 Post-65: 6.25% trend for the first year, gradually decreasing to 3.50% in year 12
Aging Factors	Based on the 2013 SOA Study "Health Care Costs - From Birth to Death"

Other Information:

Notes	There were no new benefit changes reported during the year. The summary of benefit provisions is consistent with the summary of benefits from the December 31, 2020 GASB Statement Nos. 74 and 75 report.
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* Based on valuation assumptions used in the December 31, 2020 actuarial valuation.

Schedule of Investment Returns Multiyear

<u>FY Ending December 31,</u>	<u>Annual Return¹</u>
2012	
2013	
2014	
2015	
2016	
2017	13.31 %
2018	(5.16)%
2019	16.85 %
2020	12.28 %
2021	8.65 %

¹ Annual money-weighted rate of return, net of investment expenses.

SECTION D

NOTES TO FINANCIAL STATEMENTS

Auditor's Note – This information is intended to assist in preparation of the financial statements of the Huron-Clinton Metropolitan Authority Retiree Health Care Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

Long-Term Expected Return on Plan Assets

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. For each major asset class that is included in the OPEB plan's target asset allocation as of December 31, 2021, these best estimates of returns are summarized in the following table:

Asset Allocation

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return*</u>
S&P 500 Index	18.00 %	8.00 %
Extended Market Index	6.00 %	8.00 %
World Equity ex-US	21.00 %	9.32 %
Emerging Markets Equity	3.00 %	9.67 %
Core Fixed Income	22.00 %	6.54 %
Limited Duration Bonds	8.00 %	5.65 %
US High Yield	2.00 %	7.82 %
Emerging Markets Debt	4.00 %	8.75 %
Diversified Short Term Fixed Income	4.00 %	5.52 %
Dynamic Asset Allocation	6.00 %	10.32 %
Multi-Asset	3.00 %	6.46 %
Private Real Estate	3.00 %	7.30 %
Total	100.00 %	

** The rates of return shown above were provided by the Retirement Plan's investment manager and are based upon the investment manager's inflation assumption of 2.50%.*

Gabriel, Roeder, Smith & Company does not provide investment advice.

Single Discount Rate

A Single Discount Rate of 6.50% was used to measure the total OPEB liability. This Single Discount Rate was based on the expected rate of return on OPEB plan investments of 6.50%. The projection of cash flows used to determine this Single Discount Rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Summary of Membership Information^{1,2}

The following table provides a summary of the number of participants in the plan:

Inactive Plan Members or Beneficiaries Currently Receiving Benefits	165
Inactive Plan Members Entitled to But Not Yet Receiving Benefits	-
Active Plan Members	<u>118</u>
Total Plan Members	283

¹ As of the Actuarial Valuation Date. GRS does not have the membership counts as of December 31, 2021. Huron-Clinton Metropolitan Authority staff and auditors may decide that providing membership counts as of the valuation date is sufficient to meet the GASB disclosure requirements. Alternatively, the Authority Staff may decide to update the membership counts to be as of the Plan's fiscal year end.

² Includes 4 active members and 18 retirees eligible for life insurance only.

Sensitivity of Net OPEB Liability

Regarding the sensitivity of the net OPEB liability to changes in the Single Discount Rate, the following presents the plan's net OPEB liability, calculated using a Single Discount Rate of 6.50%, as well as what the plan's net OPEB liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

Sensitivity of Net OPEB Liability to the Single Discount Rate Assumption

1% Decrease	Current Single Discount Rate Assumption	1% Increase
5.50%	6.50%	7.50%
\$ (283,588)	\$ (4,357,659)	\$ (7,755,270)

Regarding the sensitivity of the net OPEB liability to changes in the health care cost trend rates, the following presents the plan's net OPEB liability, calculated using the assumed trend rates as well as what the plan's net OPEB liability would be if it were calculated using a trend rate that is one percent lower or one percent higher:

Sensitivity of Net OPEB Liability to the Health Care Cost Trend Rate Assumption

1% Decrease	Current Health Care Cost Trend Rate Assumption	1% Increase
\$ (8,133,453)	\$ (4,357,659)	\$ 213,041

SECTION E

SUMMARY OF BENEFITS

Summary of Benefits

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to benefit provisions.

SECTION F

DEVELOPMENT OF BASELINE CLAIMS COSTS

Development of Baseline Claims Costs

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to baseline claims costs.

SECTION G

SUMMARY OF PARTICIPANT DATA

Summary of Participant Data

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to participant data.

SECTION H

VALUATION METHODS AND ACTUARIAL ASSUMPTIONS

Valuation Methods and Actuarial Assumptions

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to valuation methods and actuarial assumptions.

Miscellaneous and Technical Assumptions

This report complements the actuarial valuation report prepared as of December 31, 2020, and information herein should be considered along with the information from that report, especially for additional discussions of the nature of actuarial calculations and for more information related to miscellaneous and technical assumptions.

Experience Studies

Certain actuarial assumptions were based upon the results of an experience study report dated February 5, 2021.

The tables used to model the impact of aging on claims utilization were developed by the Society of Actuaries in 2013. The other OPEB specific assumptions (health care trend, plan elections, etc.) are reviewed during each OPEB valuation and updated as needed.

Roll-Forward Disclosure

The total OPEB liability shown in this report is based on an actuarial valuation performed as of December 31, 2020 and a measurement date of December 31, 2021. The roll-forward procedure increases the December 31, 2020 actuarial accrued liability with normal cost and interest and decreases it with expected benefit payments

SECTION I

CALCULATION OF THE SINGLE DISCOUNT RATE

Calculation of the Single Discount Rate

GASB Statement Nos. 74 and 75 include a specific requirement for the discount rate that is used for the purpose of the measurement of the Total OPEB Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a municipal bond rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects: (1) the long-term expected rate of return on OPEB plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits); and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 6.50%; the municipal bond rate is 1.84%; and the resulting Single Discount Rate is 6.50%.

The tables in this section provide background for the development of the Single Discount Rate.

The **Projection of Contributions** table shows the development of expected contributions in future years. Normal Cost contributions for future hires are not included (nor are their liabilities).

The **Projection of Plan Fiduciary Net Position** table shows the development of expected asset levels in future years.

The **Present Values of Projected Benefit Payments** table shows the development of the SDR. It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan. There may be cases when schedules do not add or where they do not exactly balance to other related schedules due to rounding.

The projection of cash flows used to determine this Single Discount Rate assumed the following:

- The Authority will continue their current contribution policy. Namely, it is assumed that the Authority is willing and able to contribute the full amount of the Actuarially Determined Contribution; and
- Contributions and benefit payments occur halfway through the year.

Single Discount Rate Development Projection of Contributions

Year	Projected Contributions from Current Employees	Projected Service Cost and Expense Contributions	Projected UAL Contributions	Projected Total Contributions
1	\$ 0	\$ 340,228	\$ (123,918)	216,310
2	0	313,613	(212,027)	101,586
3	0	289,079	(289,079)	0
4	0	265,629	(265,629)	0
5	0	243,554	(243,554)	0
6	0	223,368	(223,368)	0
7	0	204,606	(204,606)	0
8	0	186,575	(186,575)	0
9	0	169,121	(169,121)	0
10	0	150,604	(150,604)	0
11	0	131,849	(131,849)	0
12	0	113,795	(113,795)	0
13	0	97,139	(97,139)	0
14	0	82,521	(82,521)	0
15	0	68,574	(68,574)	0
16	0	55,948	(55,948)	0
17	0	44,899	(44,899)	0
18	0	35,302	(35,302)	0
19	0	27,149	(27,149)	0
20	0	20,352	(20,352)	0
21	0	14,824	(14,824)	0
22	0	10,607	(10,607)	0
23	0	7,540	(7,540)	0
24	0	5,257	(5,257)	0
25	0	3,563	(3,563)	0
26	0	2,340	(2,340)	0
27	0	1,526	(1,526)	0
28	0	938	(938)	0
29	0	540	(540)	0
30	0	281	(281)	0
31	0	131	(131)	0
32	0	79	(79)	0
33	0	43	(43)	0
34	0	31	(31)	0
35	0	13	(13)	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development

Projection of Plan Net Position

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.50%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
1	\$ 36,926,969	\$ 216,310	\$ 1,667,799	\$ 2,353,822	\$ 37,829,303
2	37,829,303	101,586	1,789,077	2,404,925	38,546,736
3	38,546,736	0	1,878,290	2,445,454	39,113,901
4	39,113,901	0	2,001,159	2,478,390	39,591,131
5	39,591,131	0	2,108,075	2,505,990	39,989,046
6	39,989,046	0	2,156,054	2,530,319	40,363,311
7	40,363,311	0	2,249,193	2,551,667	40,665,785
8	40,665,785	0	2,349,860	2,568,108	40,884,033
9	40,884,033	0	2,442,771	2,579,322	41,020,584
10	41,020,584	0	2,540,891	2,585,059	41,064,752
11	41,064,752	0	2,649,648	2,584,451	40,999,555
12	40,999,555	0	2,742,973	2,577,228	40,833,810
13	40,833,810	0	2,789,175	2,564,976	40,609,611
14	40,609,611	0	2,855,279	2,548,289	40,302,622
15	40,302,622	0	2,894,492	2,527,080	39,935,210
16	39,935,210	0	2,895,460	2,503,168	39,542,918
17	39,542,918	0	2,897,114	2,477,616	39,123,420
18	39,123,420	0	2,881,869	2,450,836	38,692,386
19	38,692,386	0	2,872,083	2,423,132	38,243,435
20	38,243,435	0	2,853,808	2,394,535	37,784,162
21	37,784,162	0	2,801,425	2,366,358	37,349,095
22	37,349,095	0	2,756,329	2,339,521	36,932,286
23	36,932,286	0	2,723,454	2,313,480	36,522,312
24	36,522,312	0	2,675,704	2,288,359	36,134,967
25	36,134,967	0	2,618,220	2,265,020	35,781,767
26	35,781,767	0	2,562,529	2,243,844	35,463,082
27	35,463,082	0	2,509,151	2,224,837	35,178,767
28	35,178,767	0	2,442,546	2,208,487	34,944,707
29	34,944,707	0	2,374,685	2,195,444	34,765,466
30	34,765,466	0	2,297,812	2,186,252	34,653,906
31	34,653,906	0	2,212,634	2,181,725	34,622,997
32	34,622,997	0	2,133,756	2,182,239	34,671,480
33	34,671,480	0	2,045,686	2,188,208	34,814,003
34	34,814,003	0	1,953,411	2,200,424	35,061,016
35	35,061,016	0	1,863,374	2,219,360	35,417,001
36	35,417,001	0	1,771,033	2,245,453	35,891,421
37	35,891,421	0	1,677,075	2,279,295	36,493,642
38	36,493,642	0	1,582,079	2,321,479	37,233,041
39	37,233,041	0	1,486,566	2,372,595	38,119,070
40	38,119,070	0	1,391,626	2,433,224	39,160,667
41	39,160,667	0	1,297,021	2,503,954	40,367,600
42	40,367,600	0	1,203,141	2,585,407	41,749,866
43	41,749,866	0	1,110,356	2,678,223	43,317,733
44	43,317,733	0	1,018,859	2,783,061	45,081,935
45	45,081,935	0	929,088	2,900,606	47,053,453
46	47,053,453	0	841,485	3,031,557	49,243,525
47	49,243,525	0	756,621	3,176,626	51,663,530
48	51,663,530	0	674,889	3,336,541	54,325,181
49	54,325,181	0	597,099	3,512,037	57,240,119
50	57,240,119	0	523,983	3,703,846	60,419,982

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development Projection of Plan Net Position (Concluded)

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Investment Earnings at 6.50%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)=(a)+(b)-(c)+(d)
51	\$ 60,419,982	\$ 0	\$ 455,808	\$ 3,912,718	\$ 63,876,892
52	63,876,892	0	392,957	4,139,428	67,623,364
53	67,623,364	0	335,649	4,384,782	71,672,496
54	71,672,496	0	284,149	4,649,623	76,037,969
55	76,037,969	0	238,515	4,934,838	80,734,292
56	80,734,292	0	198,272	5,241,387	85,777,407
57	85,777,407	0	163,152	5,570,312	91,184,567
58	91,184,567	0	133,025	5,922,742	96,974,284
59	96,974,284	0	107,442	6,299,892	103,166,734
60	103,166,734	0	85,842	6,703,092	109,783,983
61	109,783,983	0	67,772	7,133,791	116,850,002
62	116,850,002	0	52,917	7,593,557	124,390,642
63	124,390,642	0	40,880	8,084,084	132,433,846
64	132,433,846	0	31,209	8,607,202	141,009,839
65	141,009,839	0	23,553	9,164,886	150,151,172
66	150,151,172	0	17,506	9,759,266	159,892,933
67	159,892,933	0	12,861	10,392,629	170,272,701
68	170,272,701	0	9,365	11,067,426	181,330,762
69	181,330,762	0	6,717	11,786,285	193,110,330
70	193,110,330	0	4,738	12,552,020	205,657,611
71	205,657,611	0	3,283	13,367,640	219,021,968
72	219,021,968	0	2,231	14,236,357	233,256,094
73	233,256,094	0	1,484	15,161,599	248,416,208
74	248,416,208	0	966	16,147,023	264,562,265
75	264,562,265	0	613	17,196,528	281,758,180
76	281,758,180	0	379	18,314,270	300,072,070
77	300,072,070	0	229	19,504,677	319,576,519
78	319,576,519	0	134	20,772,469	340,348,854
79	340,348,854	0	76	22,122,673	362,471,451
80	362,471,451	0	42	23,560,643	386,032,052
81	386,032,052	0	23	25,092,083	411,124,111
82	411,124,111	0	12	26,723,067	437,847,166
83	437,847,166	0	6	28,460,066	466,307,225
84	466,307,225	0	3	30,309,970	496,617,192
85	496,617,192	0	2	32,280,117	528,897,308
86	528,897,308	0	1	34,378,325	563,275,632
87	563,275,632	0	0	36,612,916	599,888,548
88	599,888,548	0	0	38,992,756	638,881,303
89	638,881,303	0	0	41,527,285	680,408,588
90	680,408,588	0	0	44,226,558	724,635,146
91	724,635,146	0	0	47,101,284	771,736,430
92	771,736,430	0	0	50,162,868	821,899,298
93	821,899,298	0	0	53,423,454	875,322,753
94	875,322,753	0	0	56,895,979	932,218,732
95	932,218,732	0	0	60,594,218	992,812,949
96	992,812,949	0	0	64,532,842	1,057,345,791
97	1,057,345,791	0	0	68,727,476	1,126,073,268
98	1,126,073,268	0	0	73,194,762	1,199,268,030
99	1,199,268,030	0	0	77,952,422	1,277,220,452
100	1,277,220,452	0	0	83,019,329	1,360,239,781

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development

Present Values of Projected Benefits

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Projected Benefit Payments	Unfunded Portion of Projected Benefit Payments	Present Value of Funded Benefit Payments Using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments Using Municipal Bond Rate (vf)	Present Value of All Benefit Payments Using Single Discount Rate (SDR)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^a ((a)-.5)	(g)=(e)*vf ^a ((a)-.5)	(h)=(c)/(1+SDR) ^a ((a)-.5)
1	\$ 36,926,969	\$ 1,667,799	\$ 1,667,799	\$ 0	\$ 1,616,102	\$ 0	\$ 1,616,102
2	37,829,303	1,789,077	1,789,077	0	1,627,814	0	1,627,814
3	38,546,736	1,878,290	1,878,290	0	1,604,680	0	1,604,680
4	39,113,901	2,001,159	2,001,159	0	1,605,307	0	1,605,307
5	39,591,131	2,108,075	2,108,075	0	1,587,862	0	1,587,862
6	39,989,046	2,156,054	2,156,054	0	1,524,884	0	1,524,884
7	40,363,311	2,249,193	2,249,193	0	1,493,669	0	1,493,669
8	40,665,785	2,349,860	2,349,860	0	1,465,277	0	1,465,277
9	40,884,033	2,442,771	2,442,771	0	1,430,247	0	1,430,247
10	41,020,584	2,540,891	2,540,891	0	1,396,898	0	1,396,898
11	41,064,752	2,649,648	2,649,648	0	1,367,783	0	1,367,783
12	40,999,555	2,742,973	2,742,973	0	1,329,539	0	1,329,539
13	40,833,810	2,789,175	2,789,175	0	1,269,421	0	1,269,421
14	40,609,611	2,855,279	2,855,279	0	1,220,194	0	1,220,194
15	40,302,622	2,894,492	2,894,492	0	1,161,457	0	1,161,457
16	39,935,210	2,895,460	2,895,460	0	1,090,934	0	1,090,934
17	39,542,918	2,897,114	2,897,114	0	1,024,937	0	1,024,937
18	39,123,420	2,881,869	2,881,869	0	957,318	0	957,318
19	38,692,386	2,872,083	2,872,083	0	895,838	0	895,838
20	38,243,435	2,853,808	2,853,808	0	835,810	0	835,810
21	37,784,162	2,801,425	2,801,425	0	770,392	0	770,392
22	37,349,095	2,756,329	2,756,329	0	711,729	0	711,729
23	36,932,286	2,723,454	2,723,454	0	660,319	0	660,319
24	36,522,312	2,675,704	2,675,704	0	609,147	0	609,147
25	36,134,967	2,618,220	2,618,220	0	559,681	0	559,681
26	35,781,767	2,562,529	2,562,529	0	514,344	0	514,344
27	35,463,082	2,509,151	2,509,151	0	472,892	0	472,892
28	35,178,767	2,442,546	2,442,546	0	432,244	0	432,244
29	34,944,707	2,374,685	2,374,685	0	394,586	0	394,586
30	34,765,466	2,297,812	2,297,812	0	358,510	0	358,510
31	34,653,906	2,212,634	2,212,634	0	324,150	0	324,150
32	34,622,997	2,133,756	2,133,756	0	293,516	0	293,516
33	34,671,480	2,045,686	2,045,686	0	264,227	0	264,227
34	34,814,003	1,953,411	1,953,411	0	236,909	0	236,909
35	35,061,016	1,863,374	1,863,374	0	212,197	0	212,197
36	35,417,001	1,771,033	1,771,033	0	189,372	0	189,372
37	35,891,421	1,677,075	1,677,075	0	168,380	0	168,380
38	36,493,642	1,582,079	1,582,079	0	149,148	0	149,148
39	37,233,041	1,486,566	1,486,566	0	131,590	0	131,590
40	38,119,070	1,391,626	1,391,626	0	115,668	0	115,668
41	39,160,667	1,297,021	1,297,021	0	101,225	0	101,225
42	40,367,600	1,203,141	1,203,141	0	88,167	0	88,167
43	41,749,866	1,110,356	1,110,356	0	76,402	0	76,402
44	43,317,733	1,018,859	1,018,859	0	65,827	0	65,827
45	45,081,935	929,088	929,088	0	56,364	0	56,364
46	47,053,453	841,485	841,485	0	47,933	0	47,933
47	49,243,525	756,621	756,621	0	40,469	0	40,469
48	51,663,530	674,889	674,889	0	33,894	0	33,894
49	54,325,181	597,099	597,099	0	28,157	0	28,157
50	57,240,119	523,983	523,983	0	23,201	0	23,201

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development

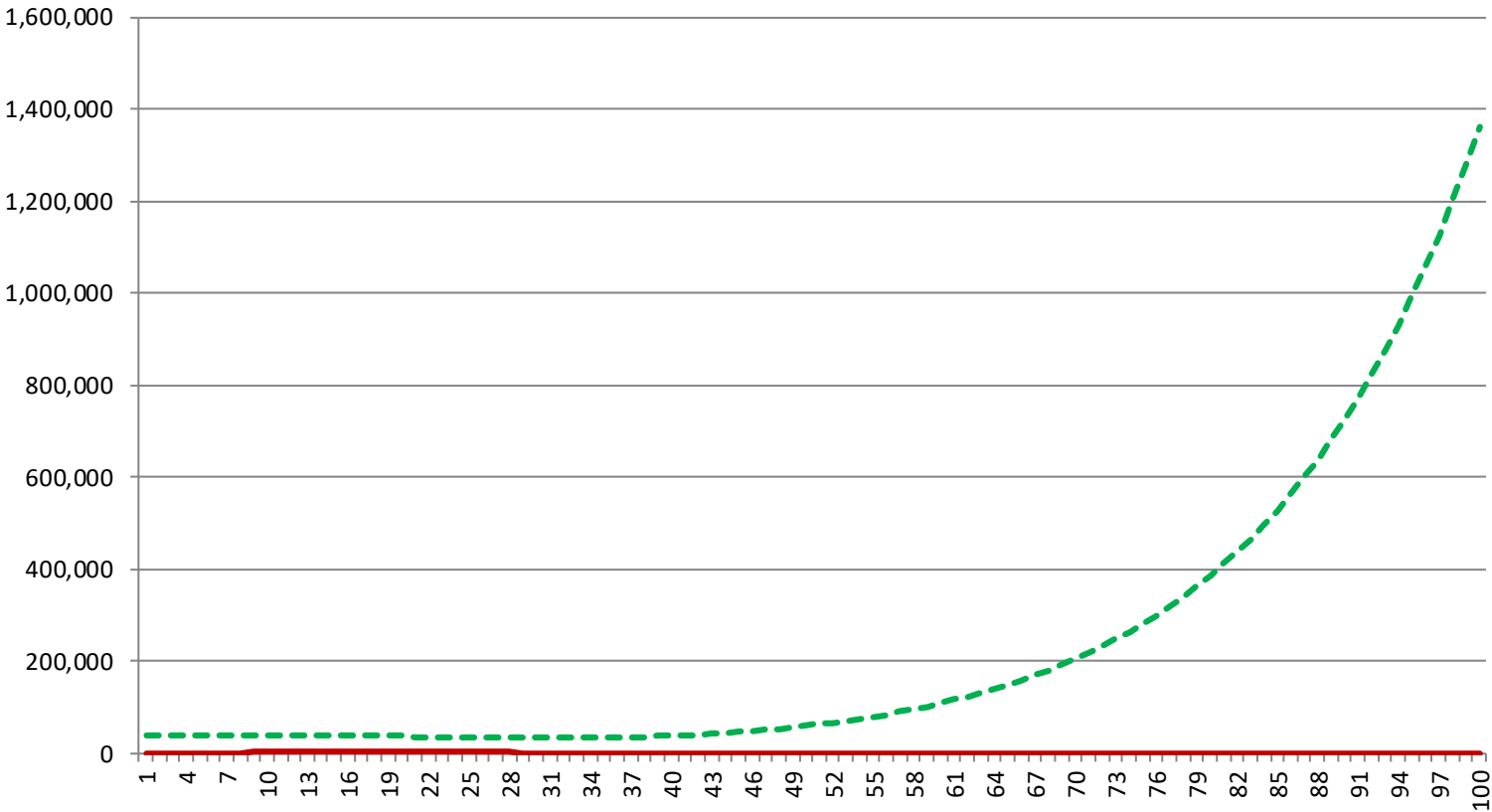
Present Values of Projected Benefits (Concluded)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Projected Benefit Payments	Unfunded Portion of Projected Benefit Payments	Present Value of Funded Benefit Payments Using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments Using Municipal Bond Rate (vf)	Present Value of All Benefit Payments Using Single Discount Rate (SDR)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^{(a)-.5}	(g)=(e)*vf ^{(a)-.5}	(h)=(c)/(1+SDR) ^{(a)-.5}
51	\$ 60,419,982	\$ 455,808	\$ 455,808	\$ 0	\$ 18,951	\$ 0	\$ 18,951
52	63,876,892	392,957	392,957	0	15,341	0	15,341
53	67,623,364	335,649	335,649	0	12,304	0	12,304
54	71,672,496	284,149	284,149	0	9,780	0	9,780
55	76,037,969	238,515	238,515	0	7,708	0	7,708
56	80,734,292	198,272	198,272	0	6,017	0	6,017
57	85,777,407	163,152	163,152	0	4,649	0	4,649
58	91,184,567	133,025	133,025	0	3,559	0	3,559
59	96,974,284	107,442	107,442	0	2,699	0	2,699
60	103,166,734	85,842	85,842	0	2,025	0	2,025
61	109,783,983	67,772	67,772	0	1,501	0	1,501
62	116,850,002	52,917	52,917	0	1,101	0	1,101
63	124,390,642	40,880	40,880	0	798	0	798
64	132,433,846	31,209	31,209	0	572	0	572
65	141,009,839	23,553	23,553	0	405	0	405
66	150,151,172	17,506	17,506	0	283	0	283
67	159,892,933	12,861	12,861	0	195	0	195
68	170,272,701	9,365	9,365	0	133	0	133
69	181,330,762	6,717	6,717	0	90	0	90
70	193,110,330	4,738	4,738	0	60	0	60
71	205,657,611	3,283	3,283	0	39	0	39
72	219,021,968	2,231	2,231	0	25	0	25
73	233,256,094	1,484	1,484	0	15	0	15
74	248,416,208	966	966	0	9	0	9
75	264,562,265	613	613	0	6	0	6
76	281,758,180	379	379	0	3	0	3
77	300,072,070	229	229	0	2	0	2
78	319,576,519	134	134	0	1	0	1
79	340,348,854	76	76	0	1	0	1
80	362,471,451	42	42	0	0	0	0
81	386,032,052	23	23	0	0	0	0
82	411,124,111	12	12	0	0	0	0
83	437,847,166	6	6	0	0	0	0
84	466,307,225	3	3	0	0	0	0
85	496,617,192	2	2	0	0	0	0
86	528,897,308	1	1	0	0	0	0
87	563,275,632	0	0	0	0	0	0
88	599,888,548	0	0	0	0	0	0
89	638,881,303	0	0	0	0	0	0
90	680,408,588	0	0	0	0	0	0
91	724,635,146	0	0	0	0	0	0
92	771,736,430	0	0	0	0	0	0
93	821,899,298	0	0	0	0	0	0
94	875,322,753	0	0	0	0	0	0
95	932,218,732	0	0	0	0	0	0
96	992,812,949	0	0	0	0	0	0
97	1,057,345,791	0	0	0	0	0	0
98	1,126,073,268	0	0	0	0	0	0
99	1,199,268,030	0	0	0	0	0	0
100	1,277,220,452	0	0	0	0	0	0
Totals					\$ 34,724,886	\$ 0	\$ 34,724,886

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Projection of Plan Net Position and Benefit Payments

\$ [thousands]



--- Projected Plan Net Position — Projected Benefit Payments for Current Members

Year

SECTION J

MICHIGAN PUBLIC ACT 202

State Reporting Assumptions as of December 31, 2021

The Protecting Local Government Retirement and Benefits Act, Public Act 202 of 2017 (PA 202), was put into law effective December 20, 2017. One outcome of the law is the requirement for the local unit of government to provide select reporting disclosures to the State. Section 5(1) of the Act provides the State treasurer with the authority to annually establish uniform actuarial assumptions for purposes of developing the requisite disclosures. Below you will find information which may be used to assist the local unit of government with required reporting.

Uniform Assumptions, as applicable to the measurement and the required disclosures under uniform assumptions are denoted below. Additional discussion of PA 202 and uniform assumptions may be found on the State website in the *Public Act 202: Selection of the Uniform Assumptions for Fiscal Year 2021* memo dated October 22, 2020.

Uniform Assumption	PA 202	Valuation Assumption Used	Uniform Assumption Used
Investment Rate of Return Discount Rate [^]	Maximum of 7.00%	6.50%	6.50%
Salary Increase	Minimum of 3.00% or based on experience study within last 5 years	3.25% + Merit and longevity	3.25% + Merit and longevity
Mortality	A version of Pub-2010 mortality tables with future mortality improvement projected generationally using scale MP-2019 or based on an experience study within last 5 years	A version of Pub-2010 with generational mortality improvement using scale MP-2020 (based on experience study issued February 5, 2021)	A version of Pub-2010 with generational mortality improvement using scale MP-2020 (based on experience study issued February 5, 2021)
Healthcare Inflation (for Medical and Drug)	Non-Medicare: Initial rate of 7.50% decreasing 0.25% per year to a 4.50% long-term rate Medicare: Initial rate of 5.75% decreasing 0.25% per year to a 4.50% long-term rate	Non-Medicare: Initial rate of 7.50% decreasing to a 3.50% long-term rate in year 12 Medicare: Initial rate of 6.25% decreasing to a 3.50% long-term rate in year 12	Non-Medicare: Initial rate of 7.50% decreasing 0.25% per year to a 4.50% long-term rate Medicare: Initial rate of 5.75% decreasing 0.25% per year to a 4.50% long-term rate
Amortization of the Unfunded Accrued Actuarial Liability: Period	Maximum Period of 28 Years	20.75 years*	20.75 years*
Method	Closed Plans: Level Dollar Open Plans: Level Percent of Payroll or Level Dollar	Level Dollar	Level Dollar
Type	Closed	Closed	Closed

[^] A blended rate calculated using GASB Statement No. 75 methodology. For periods in which projected plan assets are sufficient to make projected benefit payments – maximum of 7.00%; for periods in which projected pan assets are NOT sufficient to make projected benefit payments – 2.20%.

* For the fiscal year ending December 31, 2021.

State Reporting as of December 31, 2021

The following information has been prepared to provide some of the information necessary to complete the OPEB reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form 5572). The local unit of government is required to complete/develop all of the remaining reporting requirements necessary for Form 5572. Additional resources are available on the State website.

Line	Descriptive Information	
19	Actuarial Assumptions¹	
20	Assumed Rate of Investment Return	6.50%
21	Enter discount rate	6.50%
22	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Dollar
23	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	20.75
24	Is each division within the system closed to new employees?	Yes
25	Health care inflation assumption for the next year	7.50%
26	Health care inflation assumption - Long-Term Trend Rate	3.50%
27	Uniform Assumptions²	
28	Enter retirement health care system's actuarial value of assets using uniform assumptions	\$ 33,134,721
29	Enter retirement health care system's actuarial accrued liabilities using uniform assumptions	\$ 33,242,829
30	Funded ratio using uniform assumptions	99.7%
31	Actuarially Determined Contribution (ADC) using uniform assumptions ³	\$ 412,058
32	All systems combined ADC/Governmental fund revenues	Auto ⁴

¹ Information on lines 20-26 can be found in the December 31, 2020 funding valuation report, dated May 6, 2021.

² Information on lines 28-32 is based on the Uniform Assumptions Used, listed on the prior page, as of the most recent actuarial valuation date, December 31, 2020.

³ For the fiscal year ending December 31, 2021.

⁴ Automatically calculated by State of Michigan Form 5572.

SECTION K

GLOSSARY OF TERMS

Glossary of Terms

Accrued Service	Service credited under the system that was rendered before the date of the actuarial valuation.
Actuarial Accrued Liability (AAL)	The AAL is the difference between the actuarial present value of all benefits and the actuarial value of future normal costs. The definition comes from the fundamental equation of funding which states that the present value of all benefits is the sum of the Actuarial Accrued Liability and the present value of future normal costs. The AAL may also be referred to as “accrued liability” or “actuarial liability.”
Actuarial Assumptions	These assumptions are estimates of future experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and compensation increases. Actuarial assumptions are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (compensation increases, payroll growth, inflation and investment return) consist of an underlying real rate of return plus an assumption for a long-term average rate of inflation.
Actuarial Cost Method	A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of the OPEB trust benefits between future normal cost and actuarial accrued liability. The actuarial cost method may also be referred to as the actuarial funding method.
Actuarial Equivalent	A single amount or series of amounts of equal actuarial value to another single amount or series of amounts, computed on the basis of appropriate actuarial assumptions.
Actuarial Gain (Loss)	The difference in liabilities between actual experience and expected experience during the period between two actuarial valuations is the gain (loss) on the accrued liabilities.
Actuarial Present Value (APV)	The amount of funds currently required to provide a payment or series of payments in the future. The present value is determined by discounting future payments at predetermined rates of interest and probabilities of payment.
Actuarial Valuation	The actuarial valuation report determines, as of the actuarial valuation date, the service cost, total OPEB liability, and related actuarial present value of projected benefit payments for OPEB.
Actuarial Valuation Date	The date as of which an actuarial valuation is performed.

Glossary of Terms

Actuarially Determined Contribution (ADC) or Annual Required Contribution (ARC)	A calculated contribution into an OPEB plan for the reporting period, most often determined based on the funding policy of the plan. Typically, the Actuarially Determined Contribution has a normal cost payment and an amortization payment.
Amortization Method	The method used to determine the periodic amortization payment may be a level dollar amount, or a level percent of pay amount. The period will typically be expressed in years, and the method will either be “open” (meaning, reset each year) or “closed” (the number of years remaining will decline each year).
Amortization Payment	The amortization payment is the periodic payment required to pay off an interest-discounted amount with payments of interest and principal.
Cost-of-Living Adjustments	Postemployment benefit changes intended to adjust benefit payments for the effects of inflation.
Cost-Sharing Multiple-Employer Defined Benefit OPEB Plan (cost-sharing OPEB plan)	A multiple-employer defined benefit OPEB plan in which the OPEB obligations to the employees of more than one employer are pooled and OPEB plan assets can be used to pay the benefits of the employees of any employer that provides benefits through the OPEB plan.
Covered-Employee Payroll	The payroll of employees that are provided with benefits through the OPEB plan.
Deferred Inflows and Outflows	The deferred inflows and outflows of OPEB resources are amounts used under GASB Statement No. 75 in developing the annual OPEB expense. Deferred inflows and outflows arise with differences between expected and actual experiences; changes of assumptions. The portion of these amounts not included in the OPEB expense should be included in the deferred inflows or outflows of resources.
Discount Rate	For GASB purposes, the discount rate is the single rate of return that results in the present value of all projected benefit payments to be equal to the sum of the funded and unfunded projected benefit payments, specifically: <ol style="list-style-type: none">1. The benefit payments to be made while the OPEB plans’ fiduciary net position is projected to be greater than the benefit payments that are projected to be made in the period; and2. The present value of the benefit payments not in (1) above, discounted using the municipal bond rate.

Glossary of Terms

Entry Age Actuarial Cost Method (EAN)

The EAN is a cost method for allocating the costs of the plan between the normal cost and the accrued liability. The actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis (either level dollar or level percent of pay) over the earnings or service of the individual between entry age and assumed exit age(s). The portion of the actuarial present value allocated to a valuation year is the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is the actuarial accrued liability. The sum of the accrued liability plus the present value of all future normal costs is the present value of all benefits.

Fiduciary Net Position

The fiduciary net position is the market value of the assets of the trust dedicated to the defined benefit provisions.

GASB

The Governmental Accounting Standards Board is an organization that exists in order to promulgate accounting standards for governmental entities.

Long-Term Expected Rate of Return

The long-term rate of return is the expected return to be earned over the entire trust portfolio based on the asset allocation of the portfolio.

Money-Weighted Rate of Return

The money-weighted rate of return is a method of calculating the returns that adjusts for the changing amounts actually invested. For purposes of GASB Statement No. 74, the money-weighted rate of return is calculated as the internal rate of return on OPEB plan investments, net of OPEB plan investment expense.

Multiple-Employer Defined Benefit OPEB Plan

A multiple-employer plan is a defined benefit OPEB plan that is used to provide OPEB payments to the employees of more than one employer.

Municipal Bond Rate

The Municipal Bond Rate is the discount rate to be used for those benefit payments that occur after the assets of the trust have been depleted.

Net OPEB Liability (NOL)

The NOL is the liability of employers and non-employer contributing entities to plan members for benefits provided through a defined benefit OPEB plan.

Non-Employer Contributing Entities

Non-employer contributing entities are entities that make contributions to an OPEB plan that is used to provide OPEB payments to the employees of other entities. For purposes of the GASB accounting statements, plan members are not considered non-employer contributing entities.

Glossary of Terms

Normal Cost	The portion of the actuarial present value allocated to a valuation year is called the normal cost. For purposes of application to the requirements of this Statement, the term normal cost is the equivalent of service cost.
Other Postemployment Benefits (OPEB)	All postemployment benefits other than retirement income (such as death benefits, life insurance, disability, and long-term care) that are provided separately from a pension plan, as well as postemployment health care benefits regardless of the manner in which they are provided. Other postemployment benefits do not include termination benefits.
Real Rate of Return	The real rate of return is the rate of return on an investment after adjustment to eliminate inflation.
Service Cost	The service cost is the portion of the actuarial present value of projected benefit payments that is attributed to a valuation year.
Total OPEB Expense	The total OPEB expense is the sum of the following items that are recognized at the end of the employer's fiscal year: <ol style="list-style-type: none">1. Service Cost2. Interest on the Total OPEB Liability3. Current-Period Benefit Changes4. Employee Contributions (made negative for addition here)5. Projected Earnings on Plan Investments (made negative for addition here)6. OPEB Plan Administrative Expense7. Other Changes in Plan Fiduciary Net Position8. Recognition of Outflow (Inflow) of Resources due to Liabilities9. Recognition of Outflow (Inflow) of Resources due to Assets
Total OPEB Liability (TOL)	The TOL is the portion of the actuarial present value of projected benefit payments that is attributed to past periods of member service.
Unfunded Actuarial Accrued Liability (UAAL)	The UAAL is the difference between actuarial accrued liability and valuation assets.
Valuation Assets	The valuation assets are the assets used in determining the unfunded liability of the plan. For purposes of GASB Statement Nos. 74 and 75, the valuation assets are equal to the market value of assets.



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – 2022 Pension Reimbursement
Date: May 6, 2022

Action Requested: Motion to Approve Pension Plan Reimbursement

That the Board of Commissioners approve reimbursing the Huron-Clinton Metropolitan Authority Employees' Retirement Plan in the amount of \$24,215.20 as recommended by Chief of Finance Shedreka Miller.

Fiscal Impact: The Metroparks will reimburse the Huron-Clinton Metropolitan Authority Employees' Retirement Plan \$24,215.20 for the payments deposited to Marlene Avery's account from October 2018 through January 2022.

Background: The Pension Committee is expected to support making this recommendation at their meeting preceding the May Board meeting.

There was a process in place for staff to routinely check the mortality report for active pension recipients. If a pension recipient's name is on the mortality report, then pension payments are stopped immediately.

The mortality report was routinely checked, and Marlene Avery's name did not appear on the list. In January 2022, the Metroparks received a new mortality report distributed by a different vendor and Marlene Avery's name appeared on the report stating that she died in September 2018. The pension payments were stopped immediately.

The Authority will reimburse the pension plan for the 40 payments paid to Marlene Avery's account totaling \$24,215.20.



To: Board of Commissioners
From: Jay Bibby, Interim Chief of Planning and Development
Project Title: Report – Detroit Public Schools Community District (DPSCD) Physical Education Partnership
Date: May 6, 2022

Requested Action: Motion to Receive and File

That the Board of Commissioners receive and file the Detroit Public Schools Community District (DPSCD) Physical Education Partnership update as presented by Interim Chief of Planning and Development Jay Bibby and staff.

Background: Interim Chief of Planning and Development Jay Bibby will give a brief presentation to the Board on the progress of the DPSCD Physical Education partnership.



To: Board of Commissioners
From: Mike Henkel, Chief of Engineering Services
Project No: 510-17-311
Project Title: Approval –Change Order, Willow Park Office
Project Type: Capital Improvement
Location: Willow Metropark
Date: May 2, 2022

Action Requested: Motion to Approve

That the Board of Commissioners (1) approve a change order for the construction of the new Willow Park Office contract 510-17-311 in the amount of \$31,739.31; and (2) approve the fund transfer from fund balance to cover additional construction costs as recommended by Chief of Engineering Services Mike Henkel and staff.

Fiscal Impact: The additional cost of \$31,739.31 would come from the fund balance and be transferred to the project. The original contract for the park office was \$2,191,600. To date, total change orders represent approximately 6.6 percent of the original project cost.

Background: The following is a list of the project accumulated change orders considering additions and deductions to the current contract. Staff anticipates that the project will be finished in late June or early July. Interior finish work is currently in progress. Per policy change order aggregate amounts greater than \$25,000 require action by the Board.

Change

<u>order #</u>	<u>Add/Deduct</u>	<u>Description</u>
	\$36,369.71	<i>Previous Board approved additions and deduction October 14, 2021</i>
	\$11,820.63	<i>Previous Board approval additions and deductions February 10, 2022</i>
	\$16,165.76	<i>Added IT and connectivity cabling to project February 10, 2022</i>
	\$49,090.04	<i>Previous Board Approval Extended General Conditions April 14, 2022</i>

Current Change Orders

#19	\$618.16	Wi-Fi Thermostats-Change to wireless thermostats from hard wired due to open ceiling concept otherwise wire would have been exposed.
#20	\$13,878.27	CO #13 - Drywall Modifications – Modified drywall detail to account for wall vents in lieu of modifying office doors for return air. It also included adding drop ceiling in the front entry and changing the lighting to accommodate this change.
#21	\$491.06	Tile Changes – Lowered the wall tile height in the restrooms and added tile flooring in the two main entrances.
#22	\$4,878.27	ADA Kitchen Changes – Changes modified Electrical and Mechanical Plans cover in bulletin #7 to provide an accessible kitchen.
#23	<u>\$12,565.41</u>	(Upcoming Change Order). Replacement Registers – change registers to correct for mis-specified registers on plans.
	\$31,739.31	Sub Total





To: Board of Commissioners
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance
Subject: Report – Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award
Date: May 6, 2022

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award Report as recommended by Chief of Natural Resources and Regulatory Compliance and staff.

Project Goal: To restore the forested wetland and floodplain habitats that make up the headwater area of the Huron River, thereby improving its water quality and increasing the region's overall sustainability.

Project Summary: The Huron River flows about 125 miles from its headwaters northwest of Pontiac to its mouth at Lake Erie. Its mid-section is a state-designated natural river and its watershed touches most of southeast Michigan. Approximately 830 acres of forested wetland and floodplain habitats that make up the river's headwater area are located in Indian Springs Metropark with an additional 245 acres on the adjacent Michigan Nature Association (MNA) Timberland Swamp Nature Sanctuary.

These areas will be restored through invasive species removal, tree plantings, and native prairie/meadow plugs and seed plantings. This restoration will substantially improve important habitats that have been impacted by the loss of ash and oak trees and the subsequent expansion of invasive species to replace them. Community volunteers will aid in enhancing public access on existing trails through the construction of low-impact boardwalks that will be placed in seasonally wet areas of the rustic trail system.

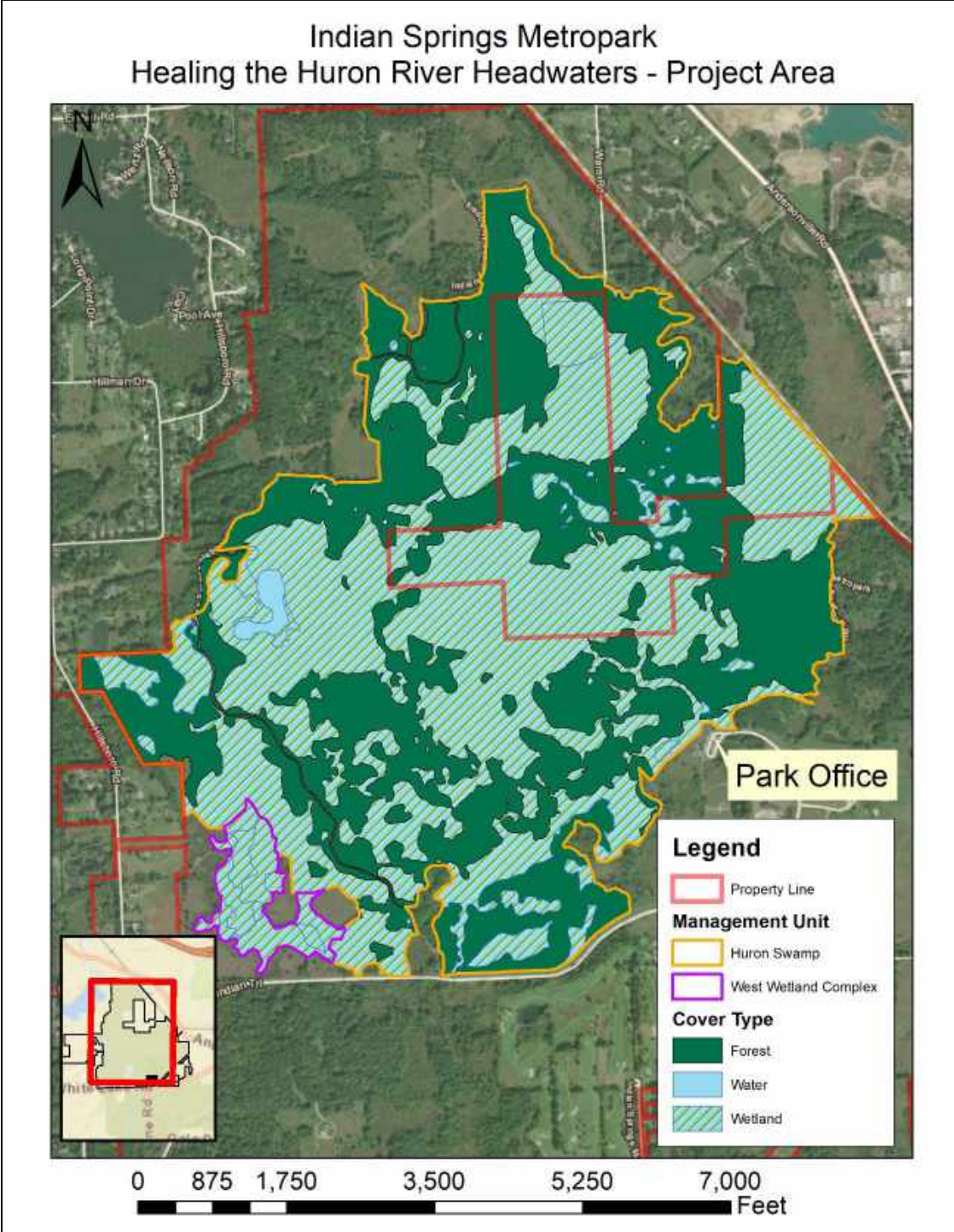
Students, scout troops, and other volunteers will create and distribute native prairie seed balls. Volunteers will also aid in the collection of seed from intact park ecosystems guided by Metroparks staff. It is anticipated that about 300 community volunteers will engage in this project. Indian Springs Metropark is a 2,509-acre regional park that received about 225,000 visitors last year.

Several major components of this project were identified in the 2017 approved master plan for Indian Springs Metropark. Additionally, restoration goals and priorities were laid out in habitat management plans created by the Metroparks Natural Resources Department between 2009-2012. This project will accomplish major goals in the restoration of these habitats, improve access to rustic trails, and engage volunteers in these fantastic habitats.

Funding provided: Consumers Energy Foundation has provided \$100,000 of the original \$112,000 ask for project activities. These activities include \$100,000 of invasive species control, and plantings/restoration, \$5,000 in rustic trail improvements incorporating volunteers, \$5,000 for seed and plug materials for volunteer plantings, and \$2,000 in interpretive signage.

Outcomes: The primary outcomes of this project will be the removal of invasive species and restoration of habitat suffering from loss of complexity due to the outbreak of the emerald ash borer pest. This project will enhance native tree biodiversity in the Huron Swamp, and improve pollinator habitat in the adjacent West Wetland Complex. Additionally, the project will engage several hundred volunteers in these habitats and enhance visitors sense of place and highlight the unique character of Indian Springs Metropark.

Project area map:





To: Board of Commissioners
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance
Project No: 51218.239
Project Title: Approval – Reallocation of Project Funds for Lake Erie Shoreline and Marsh Restoration project
Location: Lake Erie Metropark
Date: May 6, 2022

Action Requested: Motion to Approve

That the Board of Commissioners approve a reallocation of project funds in the amount of \$90,229.50 from Metroparks staff reimbursable time, to cover the project elements of permit fees, soil borings, and costs for grant required post-construction monitoring in the amount of \$14,861, and additional dredge work and coir pillow installation in the amount of \$75,368.50 as recommended by Chief of Natural Resources and Regulatory Compliance Tyler Mitchell and staff.

Fiscal Impact: Funding for the project is provided by the Great Lakes Commission (GLC) to support the Great Lakes Restoration Initiative (GLRI) with pass-through funds from the National Oceanic and Atmospheric Administration (NOAA). This project is supported with federal funds. Reallocation of these funds will reduce HCMA administrative reimbursable time from \$115,070 to roughly \$24,840.50.

Background: The Michigan Department of Natural Resources, Southeast Michigan Council of Governments, and the Great Lakes Commission approached the Huron-Clinton Metroparks to pursue funding for shoreline softening, fish habitat improvement and habitat monitoring.

This project will benefit numerous state and federal wildlife species, enhance both sport and non-sport fisheries, and provide enhanced water-based recreation opportunities. These outcomes will be accomplished by softening 1,183 linear feet of shoreline and the enhancement of approximately 1.7 acres of shallow water channels and pools. Shoreline softening will be located on the unused portion of the peninsula south of the wave pool and will include locations for shore fishing.

Channel enhancement will take place in the coastal marsh south of the boat launch. These channels will enhance the water trail connectivity and extend the length of the water trail and shallow water habitat. Shallow pools and channels will be dredged to a minimum of three feet below ordinary high-water level. These projects are part of the Metroparks strategic master plan for Lake Erie Metropark, which was approved by the Board at its regular meeting in February 2018. The original project and proposed budget was approved by the Board at its regular meeting in September 2018. The channel design and award and archeological services award were approved by the Board at its regular meeting in November 2021 and February 2022 respectively.

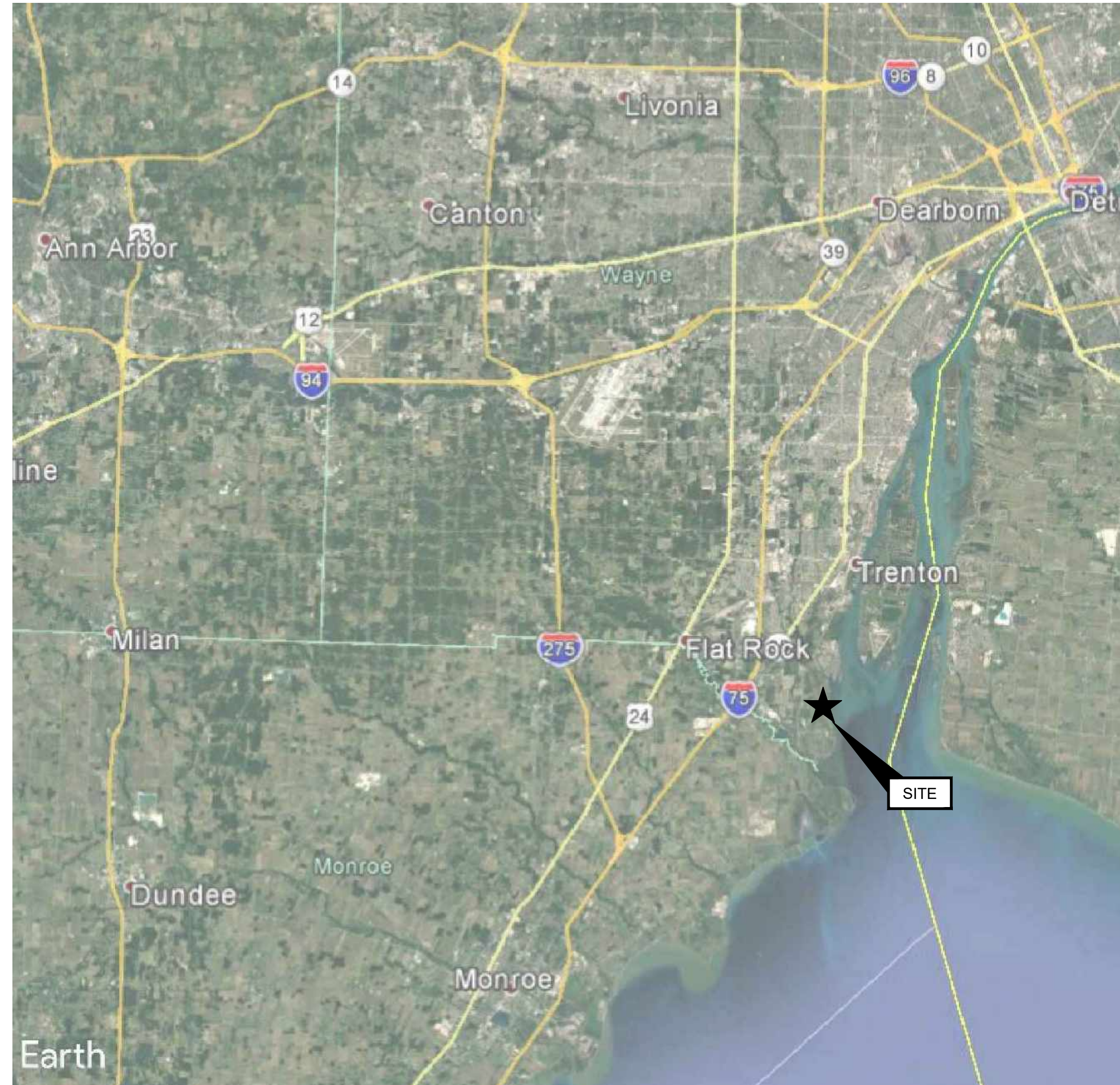
**Attachments: Lake Erie Marsh Dredge Planset
Lake Erie Shoreline and Fish Habitat Restoration approved budget**

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

Project No. 51218.239

NOAA Grant No. NA16NMF4630341

HURON-CLINTON METROPARK AUTHORITY



VICINITY MAP
SCALE: N.T.S.



LOCATION MAP
SCALE: N.T.S.



FOR CONSTRUCTION

SHEET INDEX	
G1	COVER SHEET
N1	NOTES
C1	EXISTING MARSH
C2	SEDIMENT DEPTHS
C3	PROPOSE MARSH DREDGE PLAN
C4	PROPOSED MARSH DEWATERING PLAN
C5	PROPOSED MARSH DREDGE SECTIONS
C6	PROPOSED MARSH DREDGE SECTIONS
C7	PROPOSED MARSH DREDGE SECTIONS
C8	PROPOSED MARSH DREDGE PROFILES
C9	DETAILS

OWNER CONTACT:
TYLER MITCHELL, CHIEF OF NATURAL RESOURCES AND REGULATORY COMPLIANCE
HURON-CLINTON METROPARKS AUTHORITY, ADMINISTRATIVE OFFICE
13000 HIGH RIDGE DRIVE
BRIGHTON, MI 48114-9058 USA
(808) 321-2634

ENGINEER CONTACT:
SCOTT DIRKS, PE
SENIOR WATER RESOURCE ENGINEER
GEI CONSULTANTS
9282 GENERAL DRIVE, SUITE 180
PLYMOUTH, MI 48170

NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	

Attention:
0 1"
If this scale bar does not measure 1" then drawing is not original scale.



Designed: MS
Checked: SD, BK
Drawn: MS, HC, BN
Submitted By: SD
P.E. Number: 44371



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

COVER SHEET

DWG. NO.
G1
SHEET NO.
01 OF 11

GENERAL NOTES:

1. SURVEY WAS COMPLETED BY SME; REFER TO SHEET NO. 3 (11-1-2019)
2. DRAWING BASED ON MICHIGAN STATE PLAN COORDINATES SYSTEM, SOUTH ZONE, INTERNATIONAL FEET. VERTICAL DATUM REFERENCED TO NAVD88.
3. THIS SURVEY WILL NOT SHOW ALL EASEMENTS OF RECORD NO TITLE POLICY HAS BEEN FURNISHED TO THE SURVEYOR BY THE OWNER.
4. THIS PROJECT IS SPLIT INTO TWO COMPONENTS: 1) THE MARSH DREDGING AND, 2) SHORELINE RESTORATION. CONTRACTOR SHALL BID ON MARSH DREDGING ONLY. SHORELINE RESTORATION WILL BE SELF-PERFORMED BY HCMA.

SEDIMENTATION & EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES, AS SPECIFIED ON THE DRAWINGS AS NECESSARY, AND AS REQUIRED BY THE PERMITS.
2. PERIMETER SOIL AN EROSION CONTROLS SHALL BE PLACED PRIOR TO ANY CONSTRUCTION ACTIVITIES. CONTRACTOR TO NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES ALL SOIL AND EROSION CONTROLS SHALL BE CHECKED AND REPAIRED AS NECESSARY BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL PROVIDE SUPPLEMENT EROSION CONTROL MEASURES TO PREVENT OFF-SITE TRANSPORT OF EARTH, SEDIMENT AND DEBRIS AS NECESSARY.
4. AREAS TO REMAIN UNSTABILIZED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDED AND MULCHED.
5. PERMANENT SEEDING SHALL BE OCCUR BETWEEN MARCH 1 AND JUNE 15, OR BETWEEN AUGUST 15 AND OCTOBER 15
6. ALL STOCKPILE AREAS SHALL BE SURROUNDED BY EROSION CONTROL BARRIERS UNTIL SUCH TIME AS THE MATERIAL IS RESPREAD AND STABILIZED OR TRANSPORTED OFF-SITE
7. SOILS TO BE STOCKPILED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE SURROUNDED BY EROSION CONTROLS, TEMPORARILY SEEDED AND MULCHED.
8. TEMPORARY STOCKPILES OF DREDGED/EXCAVATED MATERIAL SHALL BE LOCATED ON-SITE, WITHIN THE DESIGNATED AREA(S). ANY MATERIAL NOT RE-USED ON-SITE SHALL BE TRUCKED TO AN ACCEPTABLE OFF-SITE DISPOSAL LOCATION IN ACCORDANCE WITH THE PROJECTS PERMITS.
9. EROSION CONTROL MEASURES SHALL BE INSPECTED DAILY AND DURING AND AFTER EVERY RAIN EVENT. ANY NECESSARY REPLACEMENT OR REPAIR SHALL BE PERFORMED PROMPTLY BY THE CONTRACTOR.
10. DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE REGULATIONS.
11. THE CONTRACTOR SHALL PHASE DREDGING OPERATIONS TO MINIMIZE THE AREA DISTURBED OR OPEN TO THE ELEMENTS AT ANY GIVE TIME.
12. BEST MANAGEMENT PRACTICES SHALL BE DEPLOYED TO MINIMIZE TURBIDITY. AT A MINIMUM, A SLIT CURTAIN SHALL BE USED DOWNCURRENT OF THE CONSTRUCTION AREA.
13. THE SITE SHALL BE LEFT IN A STABLE CONDITION AT THE CLOSE OF EACH DAY.

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES AND UTILITY COMPANIES, IN WRITING, 48 HOURS PRIOR TO ANY WORK WITHIN 15 FEET OF A UTILITY LINE.
2. THE CONTRACTOR SHALL, UNDER THE DIRECTION OF THE ENGINEER, ESTABLISH "CONSTRUCTION LIMITS" ON THE SITE BY ACCEPTABLE VISIBLE MARKERS ALL WORK AND EQUIPMENT SHALL BE CONFINED TO WITHIN THESE LIMITS, UNLESS OTHERWISE SPECIFICALLY AUTHORIZED.
3. NO CHANGES ARE TO BE MADE UNLESS AUTHORIZED BY ENGINEER AND/OR APPLICANT/OWNER.
4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY CODES, REGULATIONS, LEGAL REQUIREMENTS, PERMIT CONDITIONS, ETC.
5. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, STREETS, PAVEMENTS, HIGHWAY GUARDS, CURBING, EDGING, TREES, PLANTINGS, STRUCTURES, PIPES, ETC ON OR OFF THE PREMISES, AND SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AT HIS/HER OWN EXPENSE AS REQUIRED BY THE ENGINEER OR OWNER ANY ITEMS DAMAGED AS A RESULT OF THE CONTRACTOR'S WORK.
6. THE CONTRACTOR SHALL DISPOSE OF ALL STUMPS, RUBBISH AND DEBRIS IN ACCORDANCE WITH THE SPECIFICATIONS AND ALL APPLICABLE CODES AND REGULATIONS THE CONTRACTOR SHALL LEAVE THE PROJECT SITE IN SAFE AND CLEAN CONDITION UPON COMPLETION OF DREDGING OPERATIONS
7. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING OF EXCAVATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNING CODES AND REGULATIONS.
8. ALL SURFACES DISTURBED BY THIS WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS DETAILED OR AS SPECIFIED BY THE ENGINEER. DREDGING SEQUENCE SHALL BE COORDINATED TO MINIMIZE DISTURBANCE OF EXISTING CONDITIONS AND OPERATIONS.
9. DREDGING SHALL TAKE PLACE WITHIN APPROVED WORK WINDOWS.
10. ALL EXISTING PIPING AND STRUCTURES EXPOSED DURING EXCAVATION SHALL BE ADEQUATELY SUPPORTED, BRACED, OR OTHERWISE PROTECTED DURING DREDGING ACTIVITIES.
11. ALL NECESSARY FEES AND PERMITS SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
12. WORK SHALL COMPLY WITH APPLICABLE MUNICIPAL, STATE, AND FEDERAL PERMITS AND REQUIREMENTS.
13. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH ALL AUTHORIZATIONS NECESSARY FOR CONSTRUCTION AND DREDGE MATERIAL TRANSPORT VEHICLE ENTRY/EXIT/TRAVEL ON STATE AND LOCAL ROADS.
14. NO DREDGED MATERIAL CONTAINING FREE DRAINING LIQUIDS (AS DETERMINED BY THE EPA PAINT FILTER TEST) SHALL BE TRANSPORTED OVER STATE OR LOCAL ROADS.

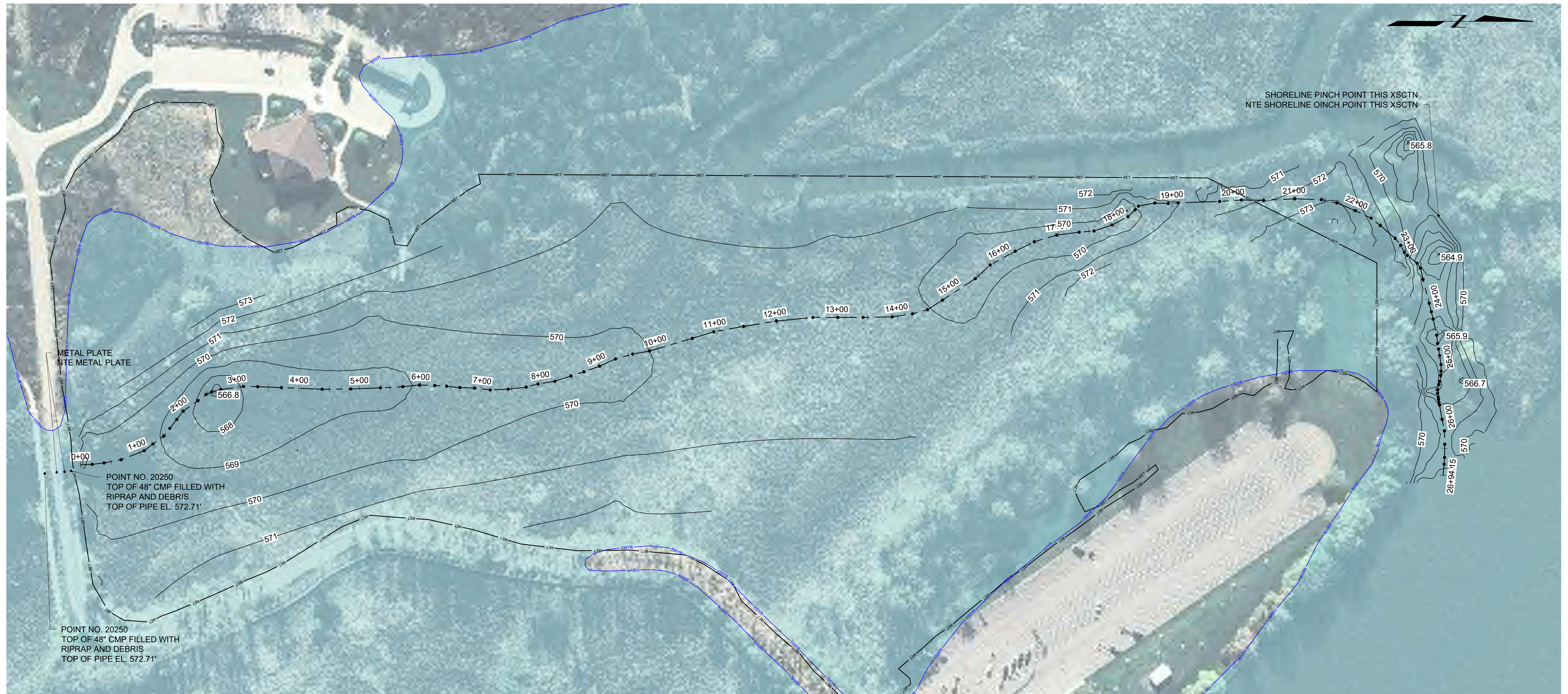
UTILITIES NOTES:

1. BEFORE COMMENCEMENT OF DREDGING, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS AND FOR PERFORMING ANY NECESSARY WORK INVOLVED IN CONNECTION WITH THE DISCONTINUANCE OR JURISDICTION OF THE UTILITY COMPANIES, SUCH AS ELECTRICITY, TELEPHONE, WATER, GAS AND ANY SYSTEM OR SYSTEMS WHICH WILL BE AFFECTED BY THE WORK TO BE PERFORMED UNDER THIS CONTRACT.
2. UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER OR OWNER, THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES.
3. IF REQUIRED, OVERHEAD LINES SHALL BE RELOCATED BY THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
4. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER AND OWNER FOR RESOLUTION OF THE CONFLICT.



FOR CONSTRUCTION

Attention: If this scale bar does not measure 1" then drawing is not original scale.	1	8/15/2021	ISSUED FOR CONSTRUCTION			Designed: MS		HURON-CLINTON METROPARK AUTHORITY	LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT	DWG. NO.
						Checked: SD, BK				N1
				Drawn: MS, HC, BRN	SHEET NO.					
				Submitted By: SD	02 OF 11					
				P.E. Number: 44371						
	NO.	DATE	ISSUE/REVISION	APP					NOTES	



LEGEND

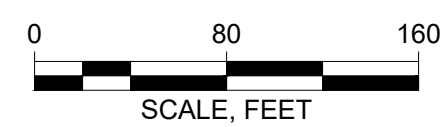
- CONTOUR (MAJOR) ——— 571
- CONTOUR (MINOR) ——— 570
- 1% ANNUAL CHANCE FLOOD HAZARD 100YR
- WETLAND DELINEATION ——— WET
- POND CENTERLINE ———●——●——

GENERAL NOTES:

1. CONTOURS DEPICT EXISTING MARSH BOTTOM ELEVATIONS BASED ON WATER DEPTH MEASUREMENTS BY SM ON NOVEMBER 1, 2019 AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF CONDITIONS AT THAT TIME. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER IF CURRENT CONDITIONS DIFFER FROM DRAWINGS.



FOR CONSTRUCTION



Warning:
It is a violation of Section 7209.2 of the New York State Education Law for any person, unless acting under the direction of a licensed professional engineer, to alter in any way plans, specifications, plats or reports to which the seal of a professional engineer has been applied. If an item bearing the seal of a professional engineer is altered, the altering engineer shall affix to the item his seal and the notation "Altered By" followed by his signature, the date, and a specific description of the alteration.

Attention:

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NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	

Scott DeParks

Designed: MS

Checked: SD, BK

Drawn: MS, HC, BRN

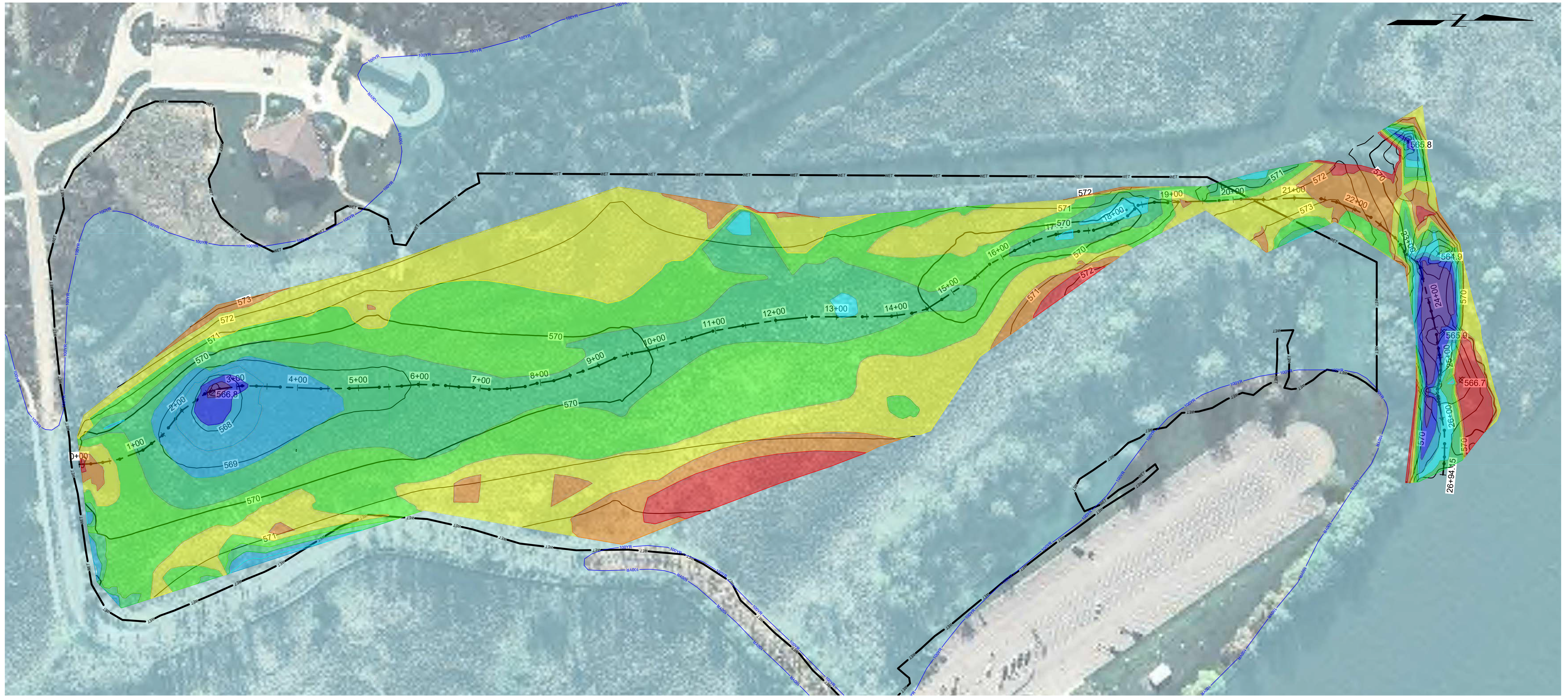
Submitted By: SD

P.E. Number: 44371

HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT	DWG. NO. C1
EXISTING MARSH	SHEET NO. 03 OF 11



LEGEND

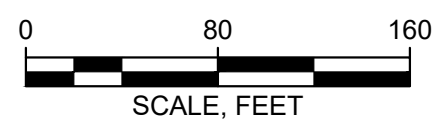
- CONTOUR (MAJOR) 50'
- CONTOUR (MINOR) 20'
- 1% ANNUAL CHANCE FLOOD HAZARD
- WETLAND DELINEATION
- POND CENTERLINE

SEDIMENT DEPTHS

- 0'-0.5'
- 2.5'-3'
- 0.5'-1'
- 3'-3.5'
- 1'-1.5'
- 3.5'-4'
- 1.5'-2'
- 4'-4.75'
- 2'-2.5'

GENERAL NOTES:

1. SEDIMENT DEPTHS DEVELOPED BY HAND-POLLING MARSH AREA FROM TOP OF SEDIMENT TO DEPTH TO REFUSAL.
2. SEDIMENT DEPTHS MEASURED BY SME NOV 01, 2019 AND ONLY REPRESENT DEPTHS MEASURED AT THAT TIME.



NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	



Designed: MS
 Checked: SD, BK
 Drawn: MS, HC, BRN
 Submitted By: SD
 P.E. Number: 44371



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

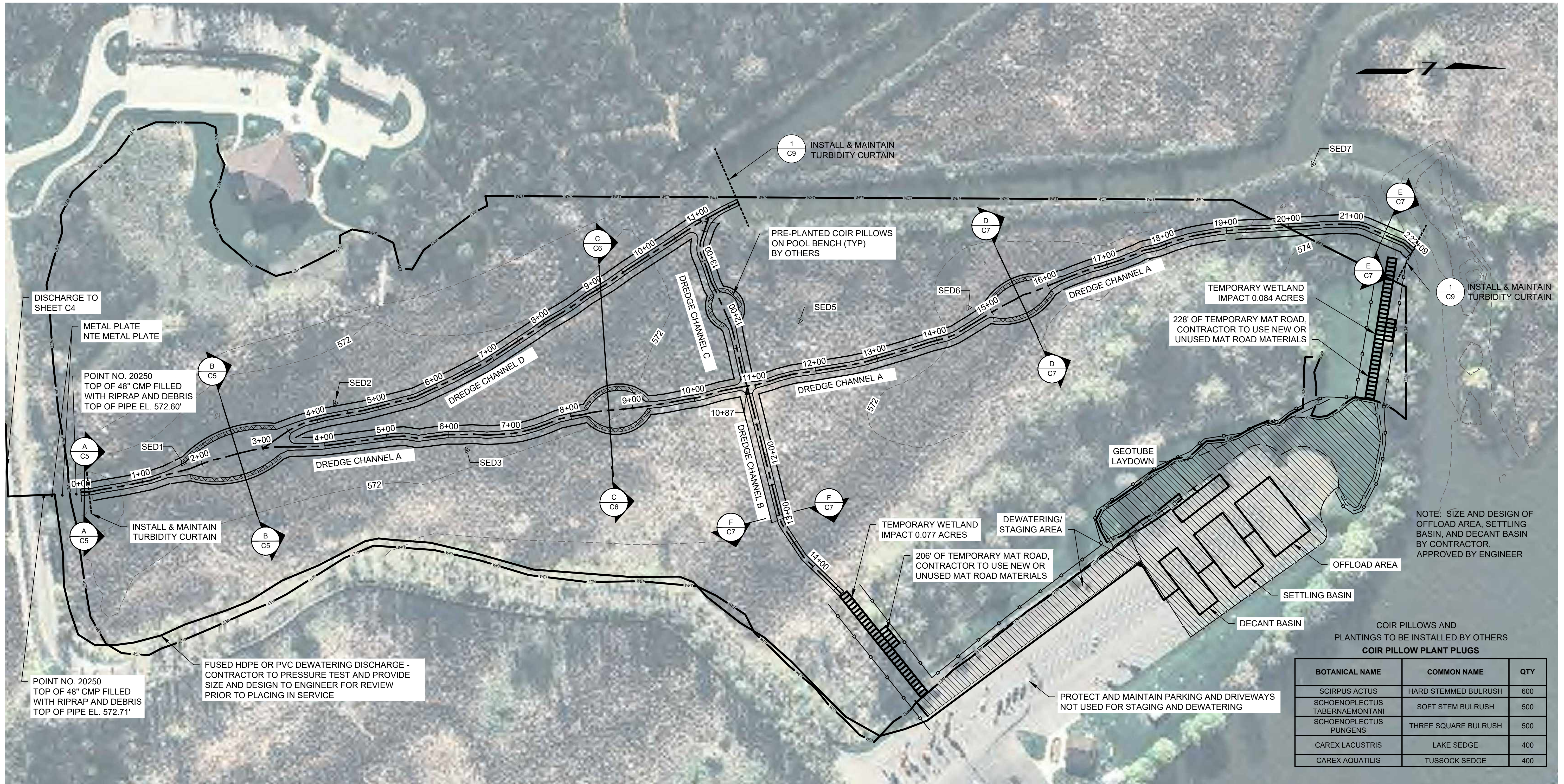
LAKE ERIE METROPARK MARSH
DREDGING & ENHANCEMENT

SEDIMENT DEPTHS



FOR CONSTRUCTION

DWG. NO.
C2
 SHEET NO.
04 OF 11



NOTE: SIZE AND DESIGN OF OFFLOAD AREA, SETTLING BASIN, AND DECANT BASIN BY CONTRACTOR, APPROVED BY ENGINEER

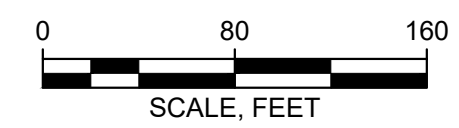
COIR PILLOWS AND PLANTINGS TO BE INSTALLED BY OTHERS
COIR PILLOW PLANT PLUGS

BOTANICAL NAME	COMMON NAME	QTY
SCIRPUS ACTUS	HARD STEMMED BULRUSH	600
SCHOENOPECTUS TABERNAEMONTANI	SOFT STEM BULRUSH	500
SCHOENOPECTUS PUNGENS	THREE SQUARE BULRUSH	500
CAREX LACUSTRIS	LAKE SEDGE	400
CAREX AQUATILIS	TUSSOCK SEDGE	400

LEGEND

- WETLAND DELINEATION
- SEDIMENT SAMPLES GRABBED ON 8-7-2020 BY GEI
- APPROXIMATE EXTENTS OF SEDIMENT DEWATERING AREA (1.35-AC)
- EROSION CONTROL BARRIER
- DEWATERING STAGING AREA
- CONSTRUCTION FENCING
- TURBIDITY CURTAIN
- PRE-PLANTED COIR PILLOW

APPROXIMATE ORGANIC SEDIMENT DREDGE VOLUME = 8,230 CY
APPROXIMATE CLAY DREDGE VOLUME = 7,190 CY
APPROXIMATE DREDGE AREA = 3.23 ACRE



GENERAL NOTES:

1. LOCATION AND SIZE OF DEWATERING AREA IS CONCEPTUAL. ACTUAL LOCATION TO BE BASED ON CONTRACTOR SELECTED MEANS AND METHODS, SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER AND OWNER.
2. WE HAVE ASSUMED THAT THE CONTRACTOR SHALL MECHANICALLY DREDGE CLAY IN THE MARSH; DETRITUS ABOVE THE CLAY MAY BE HYDRAULICALLY DREDGED. ADDITIONAL DETAILS ON MARSH DREDGING AND DEWATERING DISPOSAL CAN BE FOUND ON SHEET C8. CONTRACTOR MAY PROPOSE ALTERNATIVE METHODS BUT THEY WILL REQUIRE PRE-APPROVAL BY THE ENGINEER.
3. CONTRACTOR SHALL SUBMIT A FINAL DREDGE PLAN AT LEAST TWO WEEKS PRIOR TO COMMENCING THE WORK.
4. PRIOR TO COMMENCING DREDGE OPERATIONS THE CONTRACTOR IS REQUIRED TO INSTALL TURBIDITY CONTROLS PER CONTRACT DOCUMENTS AND REGULATORY AGENCY REQUIREMENTS AND NOTIFY OWNER/ENGINEER FOR PRE-DREDGE INSPECTION
5. FINISH DREDGE SLOPES SHALL BE BETWEEN 1:2 H:V AND VERTICAL REQUIREMENTS MAY BE ADJUSTED BY THE ENGINEER IF SLOUGHING OF SEDIMENTS OCCURS.
6. CONTRACTOR MAY ALLOW DREDGE SEDIMENTS TO DEWATER ON SITE BETWEEN OCTOBER AND APRIL IN DESIGNATED AREAS WITH SPECIFIED WATER AND SEDIMENT CONTROL DEVICES IN PLACE.
7. ANY TREE CLEARING MUST OCCUR ON OR AFTER OCTOBER 1 AND BE APPROVED AHEAD OF THE WORK BY THE ENGINEER AND OWNER.
8. ANY EXISTING WETLAND AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO ORIGINAL GRADES AND RE-SEEDED WITH EMERGENT MARSH SEED MIX
9. CONTRACTOR TO PROVIDE FINAL BATHYMETRIC SURVEY TO VERIFY FINAL DREDGE DEPTHS PRIOR TO FINAL PAYMENT. SEE SPECIFICATIONS FOR DETAILS (SEE SHEET C4)

NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	

Attention:

Designed: MS
Checked: SD, BK
Drawn: MS, HC, BN
Submitted By: SD
P.E. Number: 44371

GEI Consultants

HURON-CLINTON METROPARK AUTHORITY

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE PLAN

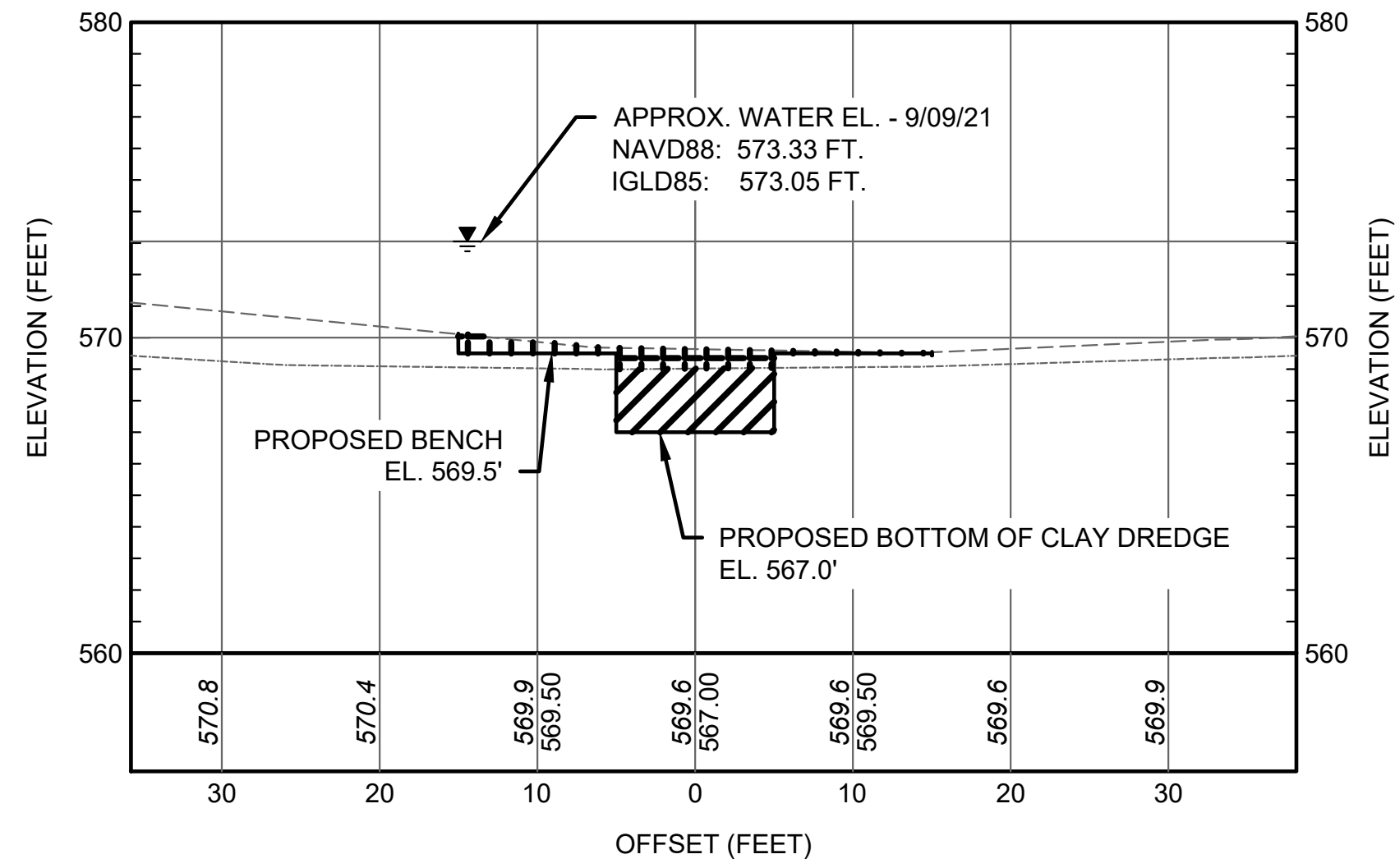
GEI Project 1903754

DWG. NO. **C3**

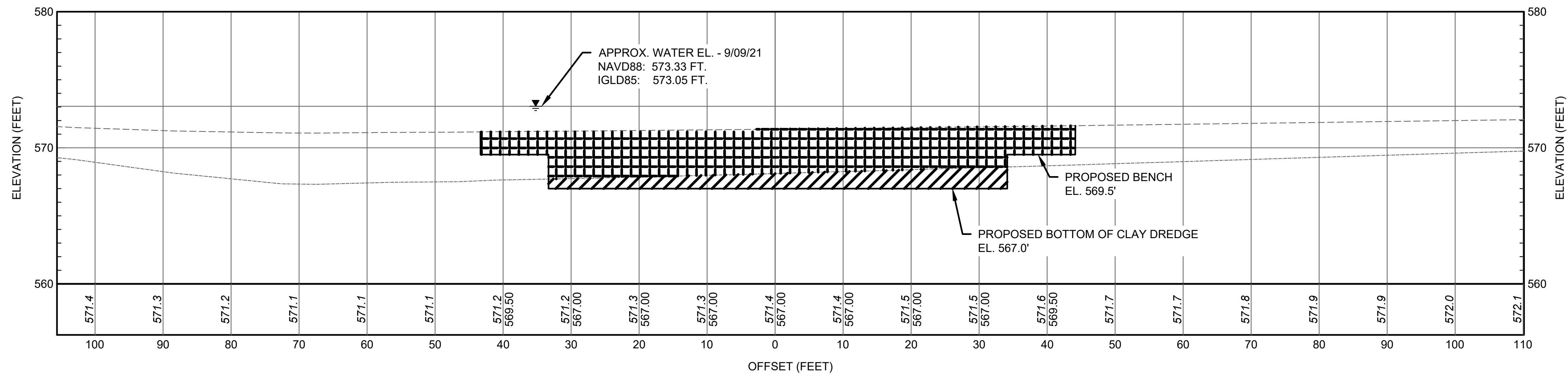
SHEET NO. **05 OF 11**



FOR CONSTRUCTION



A
C3
DREDGE CHANNEL A - STA 0+05

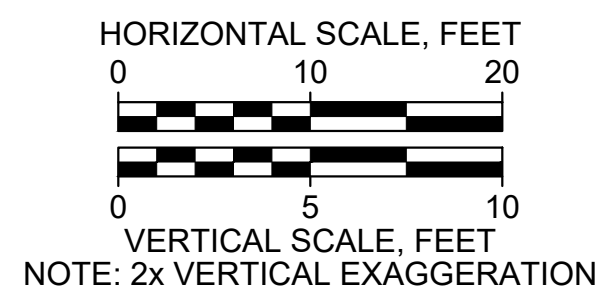


B
C3
DREDGE CHANNEL A - STA 2+60

LEGEND:

- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)

- ORGANIC SEDIMENT DREDGE
- CLAY DREDGE



FOR CONSTRUCTION

NO.	DATE	ISSUE/REVISION	APP
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P.E. Number: 44371



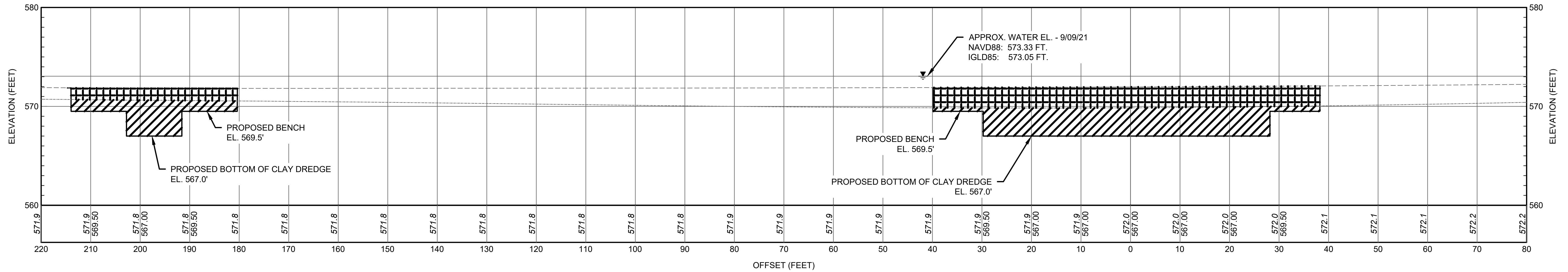
HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE SECTIONS

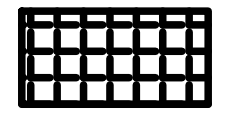
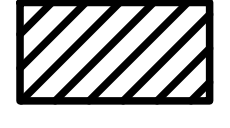
DWG. NO.
C5
SHEET NO.
07 OF 11

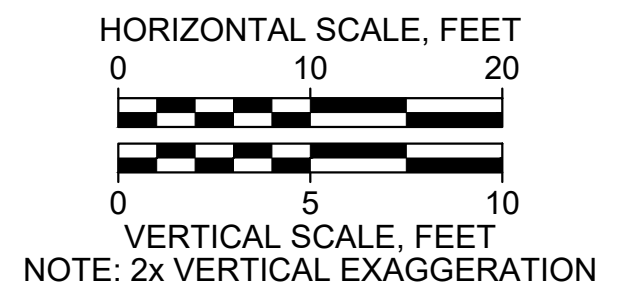


C
C3 DREDGE CHANNEL A - STA. 8+63

LEGEND:


- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)

-  ORGANIC SEDIMENT DREDGE
-  CLAY DREDGE




FOR CONSTRUCTION

NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	



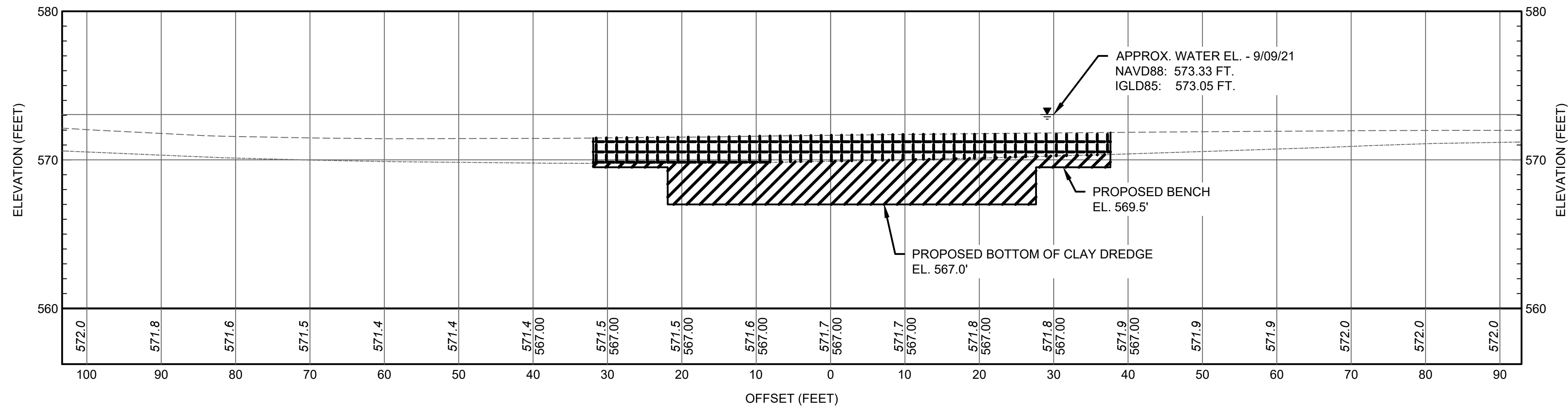
 Designed: MS
 Checked: SD, BK
 Drawn: MS, HC, BN
 Submitted By: SD
 P.E. Number: 44371



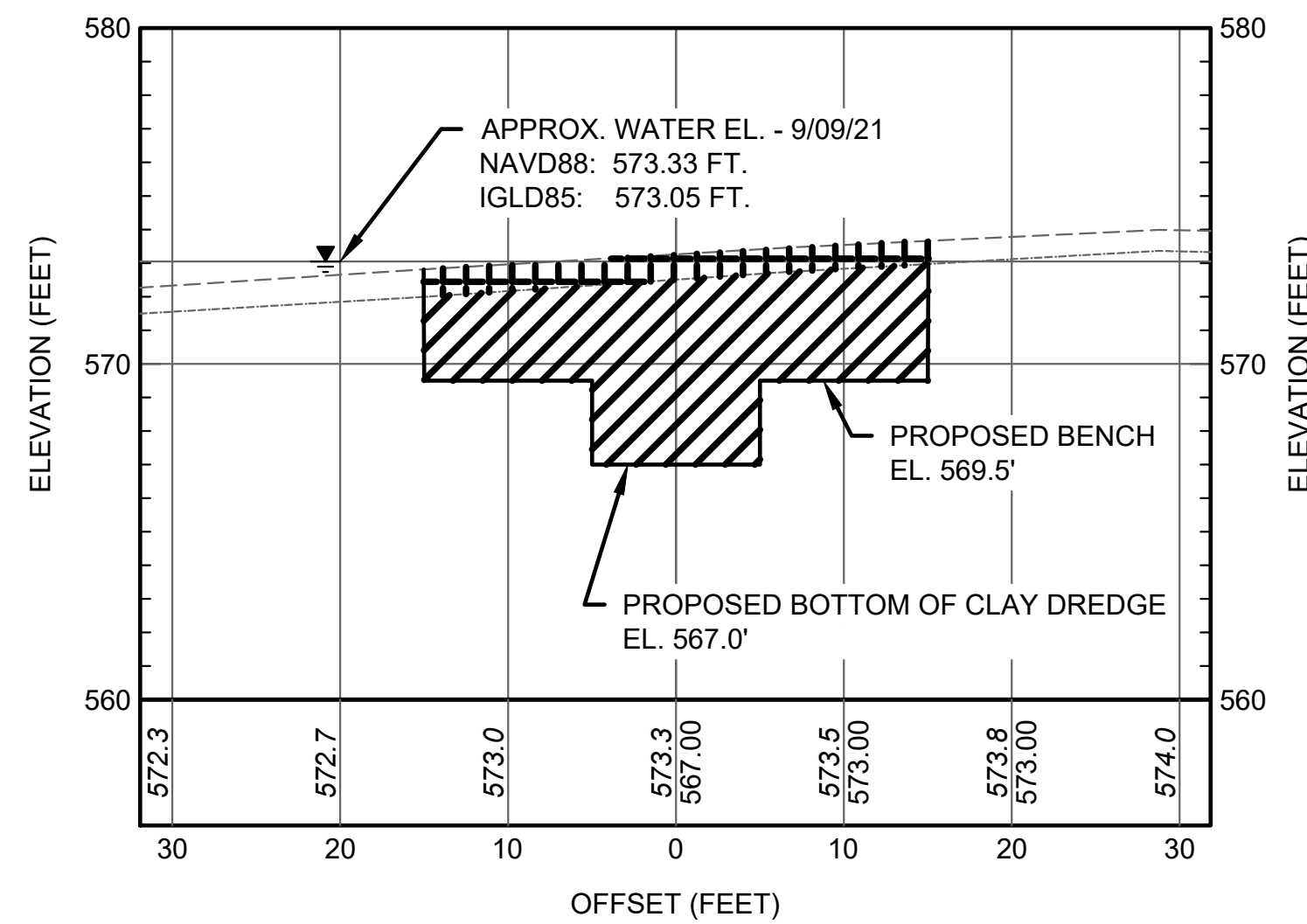
HURON-CLINTON METROPARK AUTHORITY
 GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT
PROPOSED MARSH DREDGE SECTIONS

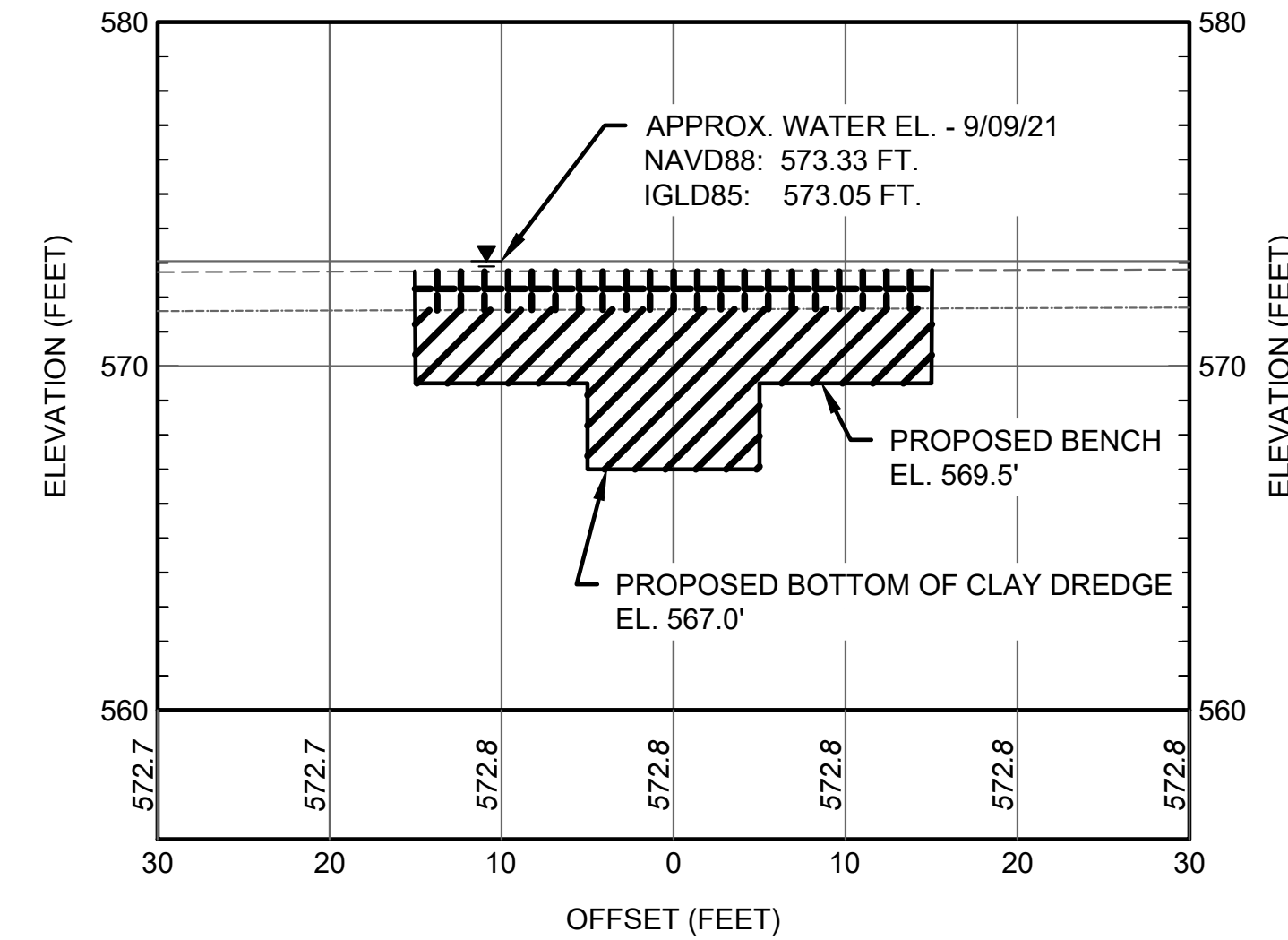
DWG. NO. **C6**
 SHEET NO. **08 OF 11**



D DREDGE CHANNEL A - STA 15+50
C3



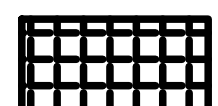
E DREDGE CHANNEL A - STA. 21+56
C3



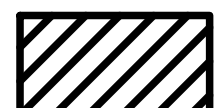
F DREDGE CHANNEL B - STA. 13+00
C3

LEGEND:

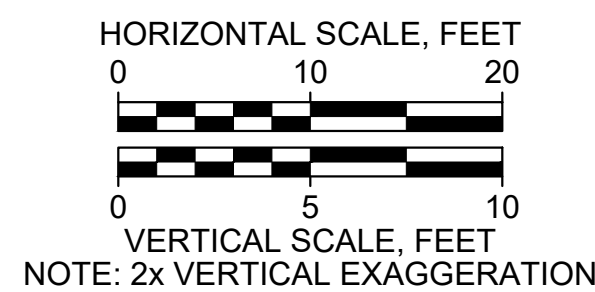
- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)



ORGANIC SEDIMENT DREDGE



CLAY DREDGE



FOR CONSTRUCTION

NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	

Attention:
If this scale bar does not measure 1" then drawing is not original scale.



Designed:	MS
Checked:	SD, BK
Drawn:	MS, HC, BN
Submitted By:	SD
P.E. Number:	44371



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE SECTIONS

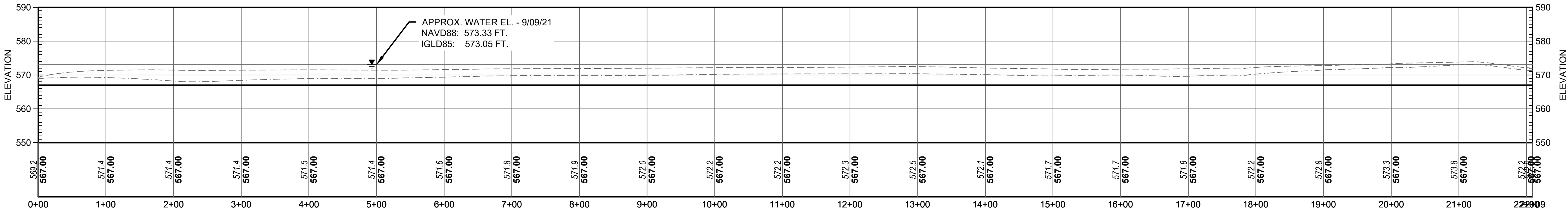
DWG. NO.

C7

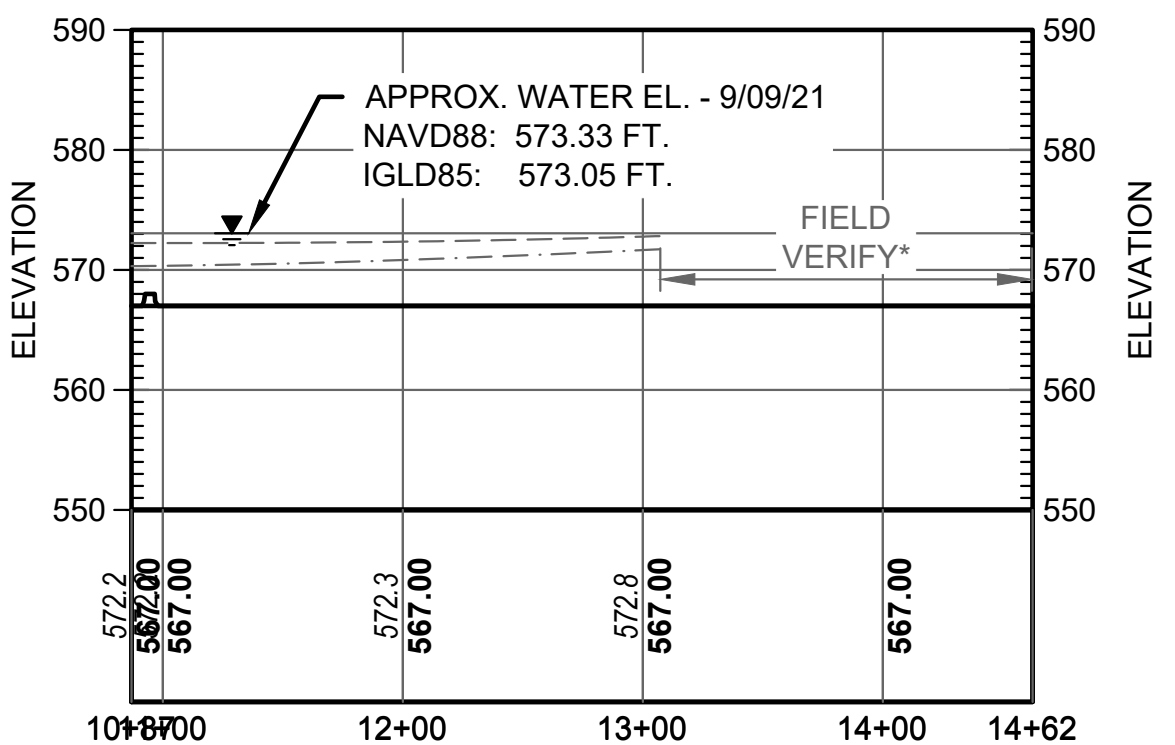
SHEET NO.

09 OF 11

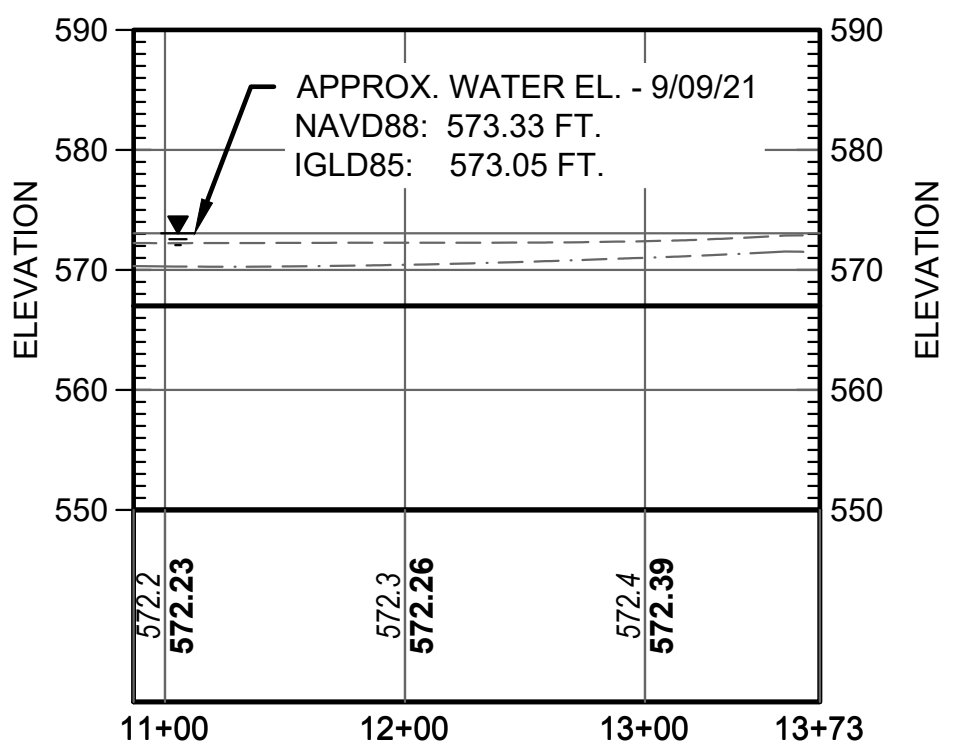
DREDGE CHANNEL A



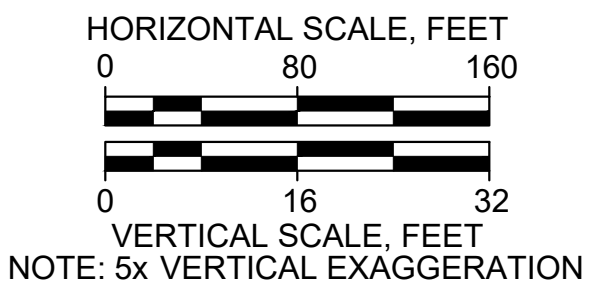
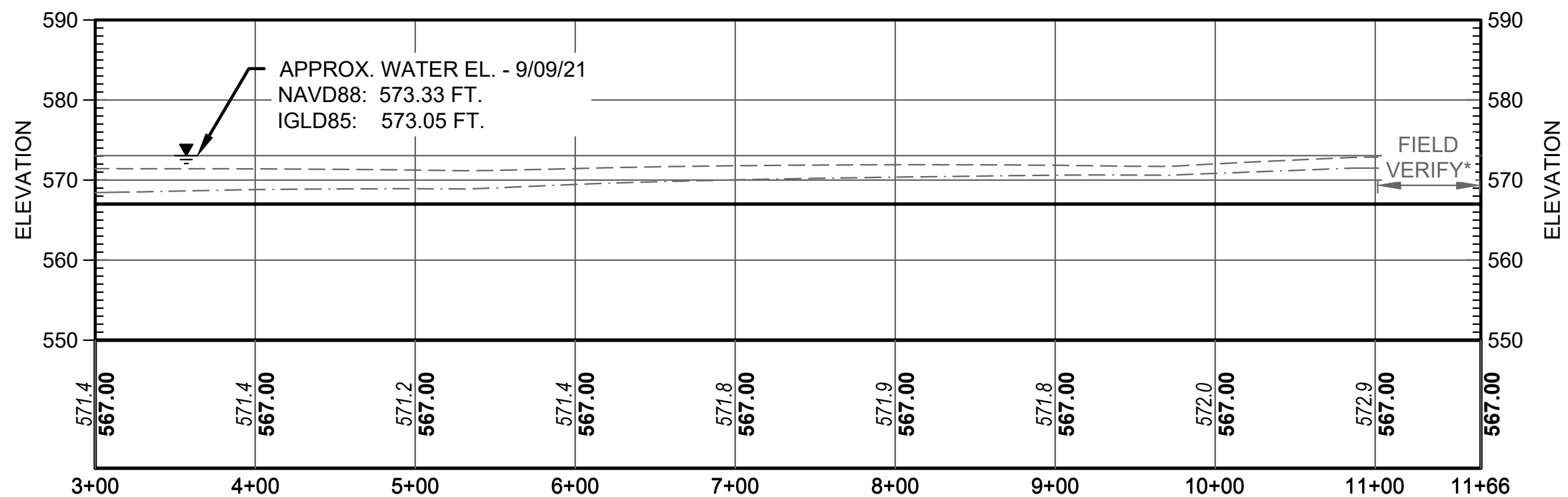
DREDGE CHANNEL B



DREDGE CHANNEL C



DREDGE CHANNEL D



- LEGEND:**
- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
 - EXISTING TOP OF CLAY SURFACE
 - PROPOSED BOTTOM OF CLAY SURFACE - 567.0 FT.
 - ▽ APPROXIMATE WATER ELEVATION (AS-NOTED)
- *CONTRACTOR TO FIELD VERIFY AND SUPPLEMENT BATHOMETRY IN NOTED AREAS PRIOR TO CONSTRUCTION



FOR CONSTRUCTION

NO.	DATE	ISSUE/REVISION	APP
1	8/15/2021	ISSUED FOR CONSTRUCTION	

Designed:	MS
Checked:	SD, BK
Drawn:	MS, HC, BN
Submitted By:	SD
P.E. Number:	44371



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE PROFILES

DWG. NO. C8
SHEET NO. 10 OF 11

**HCMA Budget - Lake Erie Shoreline and Marsh Restoration
HCMA Matching Contributions (Design and Implementation)**

Design	Staff	Wage	Fringe	Hours	Total Costs
	Staff Planner	43.37	22.36	80	\$ 5,258
	Staff Engineer	39.26	22.36	80	\$ 4,930
	Staff Natural Resources	44.67	22.36	120	\$ 8,044
	Subtotal				\$ 18,232
Implementation	Staff	Wage	Fringe	Hours	Total Costs
	Staff Engineer	39.26	22.36	120	\$ 7,394
	Staff Natural Resources	44.67	22.36	240	\$ 16,087
	Subtotal				\$ 23,482
Monitoring	Staff/Contractor	Wage	Fringe	Hours	Total Costs
	Contractor/WSU and HRWC (in kind)	20	0	40	\$ 800
	Staff Natural Resources	44.67	22.36	40	\$ 2,681
	Subtotal				\$ 3,481
Implementation	Staff/Contractor				Total Costs
	Invasive Species Control (EDRR for Phrag, frog-bit, flowering rush, other wetland and shoreline invasive species)				\$ 90,000
	Subtotal				\$ 90,000
	Match Grand Total				\$ 135,194

HURON-CLINTON METROPARKS MONTHLY STATISTICS

April, 2022

PARK	MONTHLY VEHICLE ENTRIES				MONTHLY TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	31,032	39,062	36,058	-14%	\$ 162,996	\$ 193,135	\$ 149,713	9%
Wolcott Mill	3,763	4,283	3,487	8%	\$ 10,425	\$ 4,611	\$ 16,213	-36%
Stony Creek	39,656	56,875	52,235	-24%	\$ 242,605	\$ 293,436	\$ 252,733	-4%
Indian Springs	7,579	9,921	8,539	-11%	\$ 47,046	\$ 53,996	\$ 41,978	12%
Kensington	59,135	72,929	70,015	-16%	\$ 285,939	\$ 316,784	\$ 256,200	12%
Huron Meadows	8,014	10,300	8,684	-8%	\$ 4,596	\$ 3,244	\$ 3,349	37%
Hudson Mills	17,829	22,255	21,085	-15%	\$ 49,179	\$ 55,279	\$ 46,694	5%
Lower Huron/Willow/Oakwoods	44,213	64,380	53,712	-18%	\$ 77,888	\$ 77,141	\$ 73,498	6%
Lake Erie	20,685	23,983	22,352	-7%	\$ 93,341	\$ 93,414	\$ 80,950	15%
Monthly TOTALS	231,906	303,988	276,168	-16%	\$ 974,015	\$ 1,091,040	\$ 921,327	6%

PARK	Y-T-D VEHICLE ENTRIES				Y-T-D TOLL REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	96,811	126,479	102,212	-5%	\$ 459,732	\$ 594,837	\$ 403,098	14%
Wolcott Mill	11,972	13,204	9,363	28%	\$ 13,392	\$ 11,857	\$ 21,578	-38%
Stony Creek	108,018	168,229	132,699	-19%	\$ 622,320	\$ 927,623	\$ 694,565	-10%
Indian Springs	17,550	26,331	20,868	-16%	\$ 101,262	\$ 148,822	\$ 103,301	-2%
Kensington	179,590	252,112	210,703	-15%	\$ 784,580	\$ 1,174,669	\$ 831,924	-6%
Huron Meadows	26,875	35,847	25,266	6%	\$ 47,713	\$ 46,634	\$ 31,900	50%
Hudson Mills	55,780	77,177	62,007	-10%	\$ 154,067	\$ 211,894	\$ 156,659	-2%
Lower Huron/Willow/Oakwoods	142,801	182,425	154,785	-8%	\$ 193,173	\$ 243,359	\$ 195,934	-1%
Lake Erie	50,840	60,660	51,189	-1%	\$ 219,353	\$ 264,655	\$ 215,503	2%
Monthly TOTALS	690,237	942,464	769,090	-10%	\$ 2,595,592	\$ 3,624,350	\$ 2,654,462	-2%

PARK	MONTHLY PARK REVENUE				Y-T-D PARK REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	\$ 345,384	\$ 217,199	\$ 213,993	61%	\$ 706,971	\$ 809,701	\$ 609,393	16%
Wolcott Mill	\$ 20,291	\$ 14,260	\$ 34,190	-41%	\$ 45,157	\$ 52,974	\$ 73,138	-38%
Stony Creek	\$ 438,250	\$ 515,868	\$ 387,185	13%	\$ 888,836	\$ 1,265,014	\$ 906,943	-2%
Indian Springs	\$ 134,806	\$ 169,233	\$ 99,434	36%	\$ 228,643	\$ 298,452	\$ 184,827	24%
Kensington	\$ 422,978	\$ 491,499	\$ 357,591	18%	\$ 1,093,003	\$ 1,527,075	\$ 1,055,859	4%
Huron Meadows	\$ 80,772	\$ 100,133	\$ 54,230	49%	\$ 187,872	\$ 212,136	\$ 120,533	56%
Hudson Mills	\$ 102,623	\$ 125,775	\$ 81,636	26%	\$ 233,184	\$ 306,695	\$ 211,868	10%
Lower Huron/Willow/Oakwoods	\$ 121,253	\$ 177,262	\$ 120,352	1%	\$ 261,722	\$ 361,805	\$ 267,784	-2%
Lake Erie	\$ 169,028	\$ 191,277	\$ 131,004	29%	\$ 312,045	\$ 394,386	\$ 285,905	9%
Y-T-D TOTALS	\$ 1,835,385	\$ 2,002,506	\$ 1,479,615	24%	\$ 3,957,432	\$ 5,228,239	\$ 3,716,249	6%

District	Y-T-D Vehicle Entries by Management Unit				Y-T-D Total Revenue by Management Unit			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Eastern	216,801	307,912	244,273	-11%	1,640,963	2,127,689	1,589,474	3%
Western	279,795	391,467	318,843	-12%	1,742,702	2,344,358	1,573,086	11%
Southern	193,641	243,085	205,973	-6%	573,767	756,191	553,688	4%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

April, 2022

GOLF THIS MONTH	MONTHLY ROUNDS				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	2,036	3,436	1,703	20%	\$ 68,350	\$ 119,538	\$ 54,708	25%
Indian Springs	2,551	3,349	1,595	60%	\$ 76,609	\$ 97,473	\$ 45,570	68%
Kensington	2,903	4,575	2,462	18%	\$ 86,997	\$ 128,445	\$ 64,899	34%
Huron Meadows	2,768	3,241	1,817	52%	\$ 75,776	\$ 94,894	\$ 49,900	52%
Hudson Mills	1,820	2,651	1,255	45%	\$ 42,220	\$ 61,055	\$ 27,884	51%
Willow	978	3,301	1,449	-33%	\$ 27,223	\$ 89,834	\$ 39,531	-31%
Lake Erie	1,790	3,314	1,563	14%	\$ 47,741	\$ 92,254	\$ 41,456	15%
Total Regulation	14,846	23,867	11,845	25%	\$ 424,915	\$ 683,493	\$ 323,949	31%
LSC Par 3	143	487	191	-25%	\$ 1,732	\$ 4,448	\$ 1,995	-13%
LSC Foot Golf	12	15	9	38%	\$ 30	\$ 116	\$ 73	-59%
Total Golf	15,001	24,369	12,044	25%	\$ 426,677	\$ 688,057	\$ 326,016	31%

GOLF Y-T-D	GOLF ROUNDS Y-T-D				GOLF REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Stony Creek	2,036	4,072	1,915	6%	\$ 68,350	\$ 127,107	\$ 57,231	19%
Indian Springs	2,551	3,843	1,760	45%	\$ 76,996	\$ 112,847	\$ 50,701	52%
Kensington	2,903	5,139	2,650	10%	\$ 86,997	\$ 141,133	\$ 69,128	26%
Huron Meadows	2,768	3,560	1,923	44%	\$ 75,959	\$ 108,660	\$ 54,489	39%
Hudson Mills	1,820	2,856	1,323	38%	\$ 42,324	\$ 69,126	\$ 30,575	38%
Willow	978	3,607	1,551	-37%	\$ 27,223	\$ 99,870	\$ 42,876	-37%
Lake Erie	1,790	3,601	1,659	8%	\$ 47,741	\$ 101,096	\$ 44,404	8%
Total Regulation	14,846	26,678	12,782	16%	\$ 425,589	\$ 759,839	\$ 349,404	22%
LSC Par 3	143	487	191	-25%	\$ 1,732	\$ 4,448	\$ 1,995	-13%
LSC Foot Golf	12	15	9	38%	\$ 30	\$ 116	\$ 73	-59%
Total Golf	15,001	27,180	12,981	16%	\$ 427,351	\$ 764,403	\$ 351,471	22%

AQUATICS THIS MONTH	PATRONS THIS MONTH				MONTHLY REVENUE			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	0	0	0	-	\$ -	\$ -	\$ -	-
Stony Creek Rip Slide	0	0	0	-	\$ -	\$ -	\$ -	-
KMP Splash	0	0	0	-	\$ -	\$ -	\$ 467	-
Lower Huron	0	0	0	-	\$ -	\$ -	\$ -	-
Willow	0	0	0	-	\$ -	\$ -	\$ -	-
Lake Erie	0	0	0	-	\$ -	\$ -	\$ -	-
TOTALS	0	0	0	-	\$ -	\$ -	\$ 467	-

AQUATICS Y-T-D	PATRONS Y-T-D				REVENUE Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair	0	0	0	-	\$ -	\$ -	\$ 125	-
Stony Creek Rip Slide	0	0	0	-	\$ -	\$ -	\$ -	-
KMP Splash	0	0	0	-	\$ -	\$ -	\$ 1,433	-
Lower Huron	0	0	0	-	\$ -	\$ -	\$ -	-
Willow	0	0	0	-	\$ 200	\$ -	\$ 67	200%
Lake Erie	0	0	0	-	\$ -	\$ -	\$ 25	-
TOTALS	0	0	0	-	\$ 200	\$ -	\$ 1,650	-88%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

April, 2022

PARK	Seasonal Activities this Month				Monthly Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	4	1	2	140%	\$ 14,000	\$ 2,700	\$ 1,967	612%
Shelters	35	67	37	-5%	\$ 12,000	\$ 14,090	\$ 7,947	51%
Boat Launches	21	564	220	-90%	\$ -	\$ -	\$ -	-
Marina	4	0	0	-	\$ 50	\$ 3,530	\$ 1,177	-96%
Mini-Golf	0	0	0	-	\$ -	\$ -	\$ -	-
Wolcott								
Activity Center	1	0	2	-50%	\$ 500	\$ 1,250	\$ 1,400	-64%
Stony Creek								
Disc Golf Daily	1,447	2,240	1,192	21%	\$ 4,664	\$ 7,552	\$ 4,026	16%
Disc Golf Annual	50	26	24	105%	\$ 2,860	\$ 1,460	\$ 1,420	101%
Total Disc Golf	1,497	2,266	1,216	23%	\$ 7,524	\$ 9,012	\$ 5,446	38%
Shelters	67	84	46	46%	\$ 15,068	\$ 18,863	\$ 10,325	46%
Boat Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Boat Launches	60	57	65	-7%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	11	6	5	136%	\$ 1,950	\$ 1,200	\$ 808	141%
Event Room	3	4	3	-10%	\$ 7,800	\$ 11,000	\$ 8,067	-3%
Kensington								
Disc Golf Daily	2,061	3,667	1,899	9%	\$ 6,221	\$ 11,001	\$ 5,698	9%
Disc Golf Annual	80	87	42	89%	\$ 4,800	\$ 5,160	\$ 2,507	91%
Total Disc Golf	2,141	3,754	1,942	10%	\$ 11,021	\$ 16,161	\$ 8,205	34%
Shelters	61	78	47	30%	\$ 15,575	\$ 15,700	\$ 10,000	56%
Boat Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Huron Meadows								
Shelters	2	11	5	-63%	\$ 400	\$ 2,000	\$ 983	-59%
Hudson Mills								
Disc Golf Daily	509	861	581	-12%	\$ 1,527	\$ 2,583	\$ 1,742	-12%
Disc Golf Annual	27	11	12	125%	\$ 1,560	\$ 640	\$ 713	119%
Total Disc Golf	536	872	593	-10%	\$ 3,087	\$ 3,223	\$ 2,455	26%
Shelters	35	36	14	144%	\$ 5,500	\$ 5,200	\$ 2,200	150%
Canoe Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	83	180	83	0%	\$ 249	\$ 546	\$ 251	-1%
Disc Golf Annual	3	2	1	200%	\$ 180	\$ 100	\$ 53	238%
Total Disc Golf	86	182	84	2%	\$ 429	\$ 646	\$ 304	41%
Shelters	61	37	26	135%	\$ 12,075	\$ 7,300	\$ 5,400	124%
Lake Erie								
Shelters	8	6	6	41%	\$ 1,600	\$ 1,200	\$ 1,200	33%
Boat Launches	2,596	2,206	2,187	19%	\$ -	\$ -	\$ -	-
Marina	0	0	0	-	\$ 25,420	\$ 14,441	\$ 10,585	140%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

April, 2022

PARK	Seasonal Activities Y-T-D				Seasonal Revenue Y-T-D			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St. Clair								
Welsh Center	13	15	19	-32%	\$ 36,000	\$ 24,250	\$ 20,292	77%
Shelters	116	142	106	9%	\$ 34,197	\$ 21,500	\$ 22,349	53%
Boat Launches	21	698	265	-92%	\$ -	\$ -	\$ -	-
Marina	4	0	0	-	\$ 4,050	\$ 3,530	\$ 1,177	244%
Mini-Golf	0	0	0	-	\$ -	\$ -	\$ -	-
Wolcott								
Activity Center	5	0	10	-48%	\$ 4,380	\$ 4,225	\$ 5,892	-26%
Stony Creek								
Disc Golf Daily	1,981	4,486	2,090	-5%	\$ 6,369	\$ 14,781	\$ 6,900	-8%
Disc Annual	90	102	67	34%	\$ 5,260	\$ 5,920	\$ 3,860	36%
Total Disc Golf	2,071	4,588	2,158	-4%	\$ 11,629	\$ 20,701	\$ 10,760	8%
Shelters	180	177	129	40%	\$ 40,381	\$ 39,838	\$ 28,975	39%
Boat Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Boat Launches	125	151	110	14%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	27	13	13	103%	\$ 5,050	\$ 2,475	\$ 2,296	120%
Event Room	14	13	11	24%	\$ 42,150	\$ 26,900	\$ 22,333	89%
Kensington								
Disc Golf Daily	2,972	7,338	3,828	-22%	\$ 9,046	\$ 26,494	\$ 12,978	-30%
Disc Annual	169	237	143	18%	\$ 9,980	\$ 13,980	\$ 8,453	18%
Total Disc Golf	3,141	7,575	3,972	-21%	\$ 19,026	\$ 40,474	\$ 21,432	-11%
Shelters	175	181	158	11%	\$ 40,488	\$ 37,975	\$ 34,375	18%
Boat Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Huron Meadows								
Shelters	16	19	14	14%	\$ 3,200	\$ 3,500	\$ 2,617	22%
Hudson Mills								
Disc Golf Daily	1,386	2,201	1,361	2%	\$ 4,158	\$ 6,603	\$ 4,083	2%
Disc Annual	83	68	76	9%	\$ 4,800	\$ 4,000	\$ 4,473	7%
Total Disc Golf	1,469	2,269	1,437	2%	\$ 8,958	\$ 10,603	\$ 8,556	5%
Shelters	63	58	30	112%	\$ 10,900	\$ 9,300	\$ 5,117	113%
Canoe Rental	0	0	0	-	\$ -	\$ -	\$ -	-
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	131	589	318	-59%	\$ 693	\$ 1,773	\$ 955	-27%
Disc Annual	9	9	7	23%	\$ 480	\$ 500	\$ 420	14%
Total Disc Golf	140	598	325	-57%	\$ 1,173	\$ 2,273	\$ 1,375	-15%
LH Shelters	126	87	88	43%	\$ 30,825	\$ 18,500	\$ 18,908	63%
Lake Erie								
Shelters	14	14	19	-25%	\$ 3,000	\$ 3,000	\$ 4,100	-27%
Boat Launches	2,805	3,166	3,256	-14%	\$ -	\$ -	\$ -	-
Marina	0	0	0	-	\$ 39,639	\$ 34,455	\$ 23,923	66%

INTERPRETIVE FACILITIES								
PARK	Monthly Patrons Served				YTD Patrons Served			
	(total program participants and non-program visitors)							
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	17,302	16,683	16,328	6%	27,138	39,548	35,345	-23%
Wolcott Mill	1,357	5,079	2,621	-48%	5,942	17,841	9,414	-37%
Wolcott Farm	5,936	5,380	3,772	57%	10,158	13,172	8,815	15%
Stony Creek	15,421	20,450	17,138	-10%	43,079	51,092	47,204	-9%
Eastern Mobile Center	2,945	397	1,114	164%	3,423	529	1,675	104%
Indian Springs	4,317	5,668	5,249	-18%	11,209	14,787	13,902	-19%
Kens NC	28,284	38,056	34,949	-19%	94,617	131,612	110,816	-15%
Kens Farm	28,067	26,164	18,077	55%	69,132	81,836	59,633	16%
Western Mobile Center	960	170	377	155%	2,574	825	1,784	44%
Hudson Mills	4,060	2,572	3,044	33%	13,598	11,074	11,661	17%
Oakwoods	11,140	13,389	14,112	-21%	40,089	45,054	43,906	-9%
Lake Erie	13,540	18,181	17,589	-23%	50,941	62,178	55,287	-8%
Southern Mobile Center	5,613	276	524	971%	4,317	1,702	2,643	63%
Totals	138,942	152,465	134,894	3%	376,217	471,250	402,087	-6%

PARK	Monthly Revenue				YTD Revenue			
	Current	Previous	Prev 3 Yr Avg	Change from Average	Current	Previous	Prev 3 Yr Avg	Change from Average
Lake St Clair	\$ 1,384	\$ 391	\$ 722	92%	\$ 3,960	\$ 1,107	\$ 4,759	-17%
Wolcott Mill	\$ -	\$ -	\$ 78	-	\$ -	\$ 3,192	\$ 2,170	-
Wolcott Farm	\$ 1,482	\$ 778	\$ 11,828	-87%	\$ 4,000	\$ 1,634	\$ 14,236	-72%
Wagon Rides	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Livestock/Produce	\$ 5,830	\$ 5,856	\$ 3,054	91%	\$ 15,024	\$ 15,360	\$ 17,852	-16%
FARM TOTAL	\$ 7,312	\$ 6,634	\$ 14,882	-51%	\$ 19,024	\$ 16,994	\$ 32,088	-41%
Stony Creek	\$ 2,531	\$ 659	\$ 708	257%	\$ 8,387	\$ 2,329	\$ 4,279	96%
Eastern Mobile Center	\$ -	\$ -	\$ 433	-	\$ 500	\$ -	\$ 2,409	-79%
Indian Springs	\$ 1,401	\$ 735	\$ 1,042	34%	\$ 3,139	\$ 2,579	\$ 4,227	-26%
Kens NC	\$ 1,751	\$ 307	\$ 898	95%	\$ 3,917	\$ 1,264	\$ 4,387	-11%
Kens Farm	\$ 8,390	\$ 1,281	\$ 2,757	204%	\$ 31,177	\$ 18,651	\$ 18,449	69%
Wagon Rides	\$ 1,842	\$ 100	\$ 1,011	82%	\$ 3,877	\$ 150	\$ 2,607	49%
Livestock/Produce	\$ -	\$ -	\$ 133	-	\$ 1,746	\$ -	\$ 405	331%
FARM TOTAL	\$ 10,232	\$ 1,381	\$ 3,901	162%	\$ 36,800	\$ 18,801	\$ 21,461	71%
Western Mobile Center	\$ 893	\$ -	\$ 619	44%	\$ 2,778	\$ -	\$ 4,831	-42%
Hudson Mills	\$ 1,458	\$ 442	\$ 1,117	31%	\$ 8,643	\$ 5,219	\$ 4,699	84%
Oakwoods	\$ 179	\$ 170	\$ 638	-72%	\$ 1,095	\$ 2,004	\$ 2,851	-62%
Lake Erie	\$ 927	\$ 144	\$ 465	99%	\$ 2,313	\$ 1,356	\$ 1,645	41%
Southern Mobile Center	\$ 1,975	\$ -	\$ 83	2270%	\$ 2,753	\$ -	\$ 3,093	-11%
Totals	\$ 30,042	\$ 10,863	\$ 25,586	17%	\$ 93,308	\$ 54,845	\$ 92,898	0%

BREAKDOWN OF ATTENDANCE	ON-SITE Programs and Attendance				OFF-SITE Programs and Attendance			
	CURRENT YEAR		PREVIOUS YEAR		CURRENT YEAR		PREVIOUS YEAR	
	Programs	Attendance	Programs	Attendance	Programs	Attendance	Programs	Attendance
Lake St Clair	37	363	27	833	1	9	-	-
Wolcott Mill	1	38	-	-	-	-	-	-
Wolcott Farm	22	917	18	310	-	-	-	-
Stony Creek	43	921	29	450	-	-	-	-
Eastern Mobile Center					29	2,945	22	397
Indian Springs	20	809	21	739	-	-	-	-
Kens NC	21	691	33	1,060	2	20	-	-
Kens Farm	113	6,821	76	2,584	-	-	-	-
Western Mobile Center					49	960	8	170
Hudson Mills	10	538	7	72	1	22	-	-
Oakwoods	10	326	19	243	6	484	-	-
Lake Erie	11	400	16	152	7	430	-	-
Southern Mobile Center					28	1,294	6	276
Totals	288	11,824	246	6,443	123	6,164	36	843

BREAKDOWN OF ATTENDANCE	OTHER VISITORS (Non-programs)	
	Current	Previous
Lake St Clair	5,666	15,850
Wolcott Mill	1,319	5,079
Wolcott Farm	5,019	5,070
Stony Creek	14,500	20,000
Indian Springs	3,508	4,929
Kens NC	27,573	36,996
Kens Farm	21,246	23,580
Hudson Mills	3,500	2,500
Oakwoods	10,330	13,146
Lake Erie	12,710	18,029
Totals	105,371	145,179

"ON-SITE" - Statistics includes both programs offered to the public and programs offered to school and scout groups.

"OFF-SITE" - Statistics includes outreach programs at schools, special events such as local fairs, or outdoor related trade shows.

"OTHER VISITORS" - Represents patrons to interpretive centers who visit to view exhibits, walk trails, and generally just enjoy the outdoors.