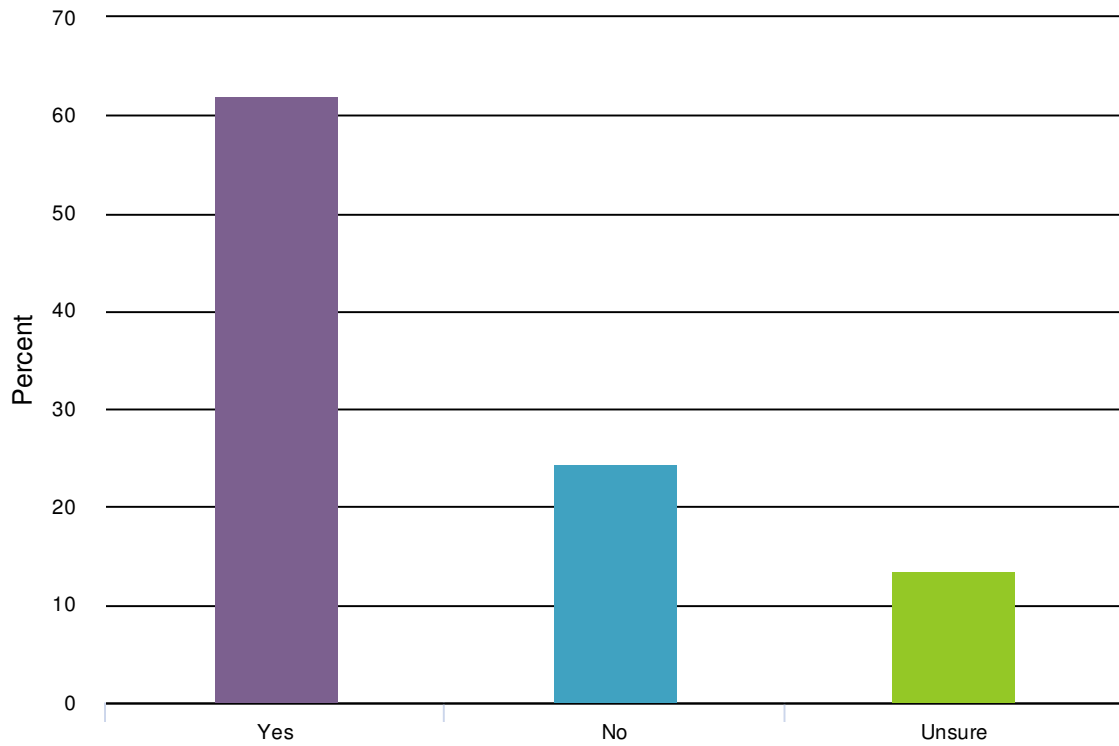# Report for WCCD 2021 RESOURCE ASSESSMENT SURVEY: COMPILED

Response Counts

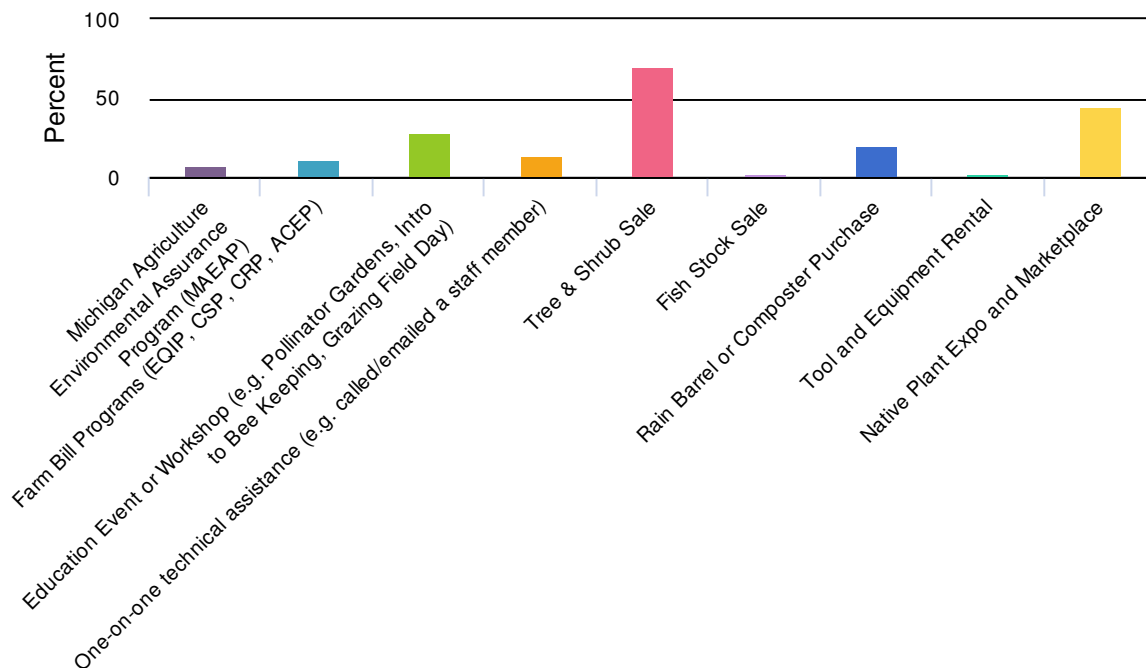|		
Completion Rate:	**100%**	
	Complete	948

Totals: 948

## 1. Have you ever used any of the Washtenaw County Conservation District's (WCCD) programs or services?

Value		Percent	Responses
Yes		62.1%	584
No		24.4%	230
Unsure		13.6%	128

2. Which programs or services have you used? Mark all that apply below:
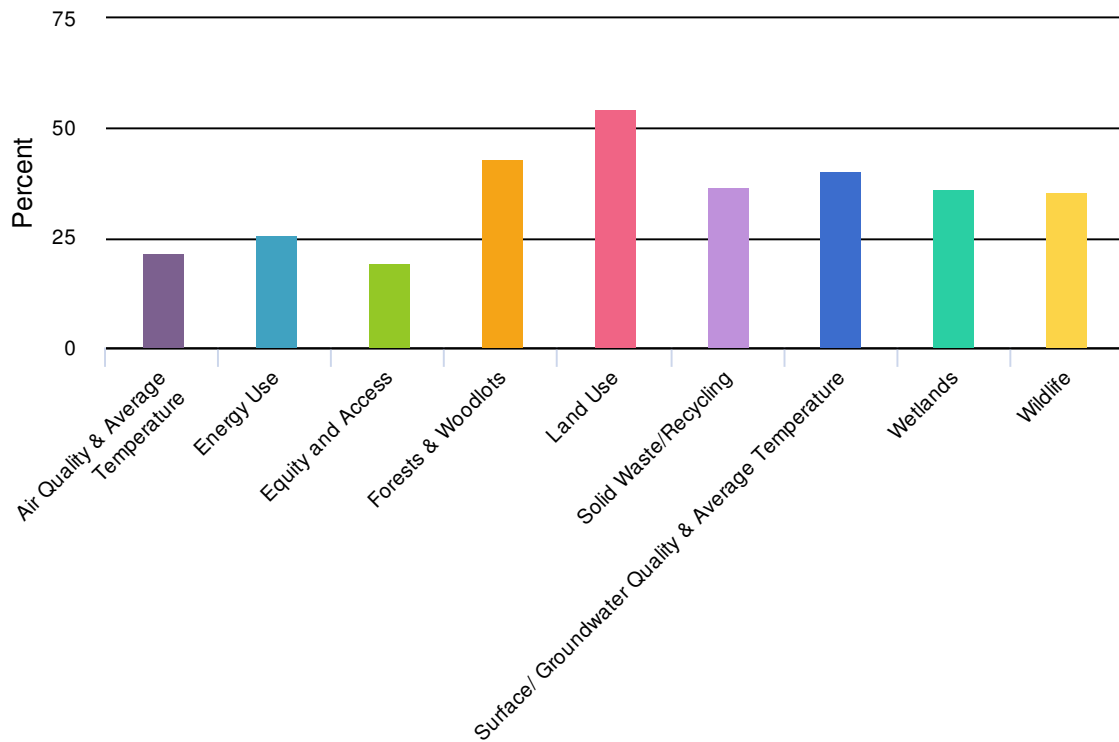

Value		Percent	Responses
Michigan Agriculture Environmental Assurance Program (MAEAP)		7.6%	50
Farm Bill Programs (EQIP, CSP, CRP, ACEP)		10.8%	71
Education Event or Workshop (e.g. Pollinator Gardens, Intro to Bee Keeping, Grazing Field Day)		28.7%	189
One-on-one technical assistance (e.g. called/emailed a staff member)		13.2%	87
Tree & Shrub Sale		70.7%	466
Fish Stock Sale		3.0%	20
Rain Barrel or Composter Purchase		20.2%	133
Tool and Equipment Rental		2.4%	16
Native Plant Expo and Marketplace		44.0%	290

3. Why not? Mark all that apply below:
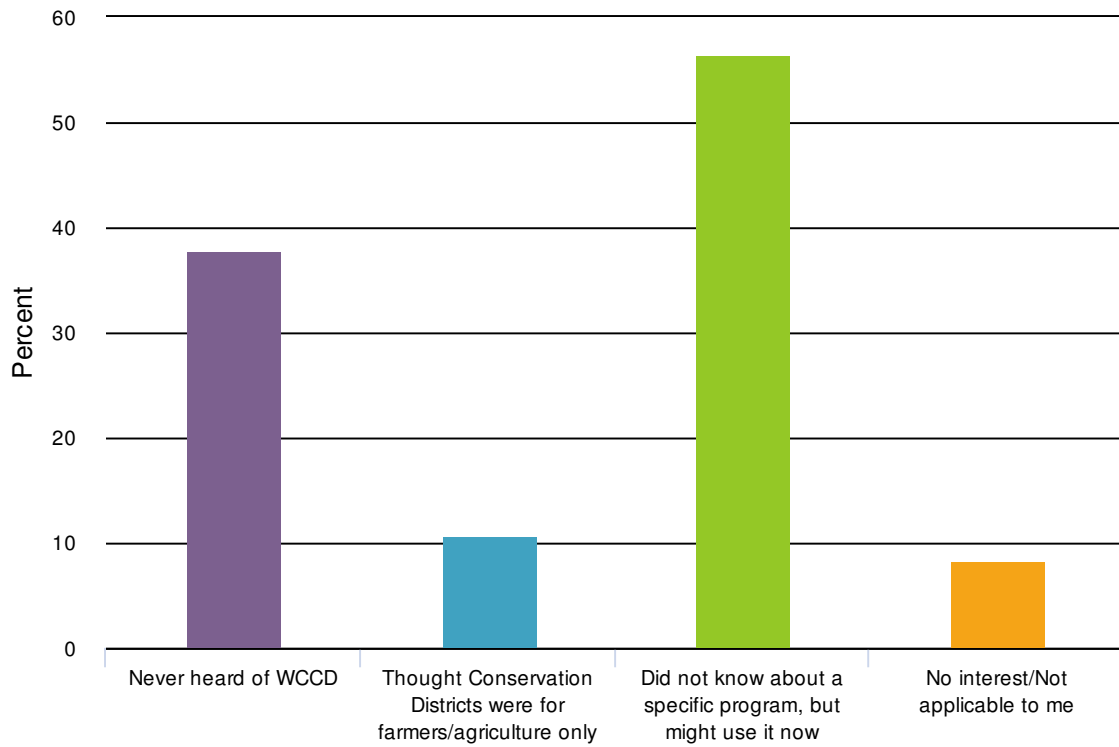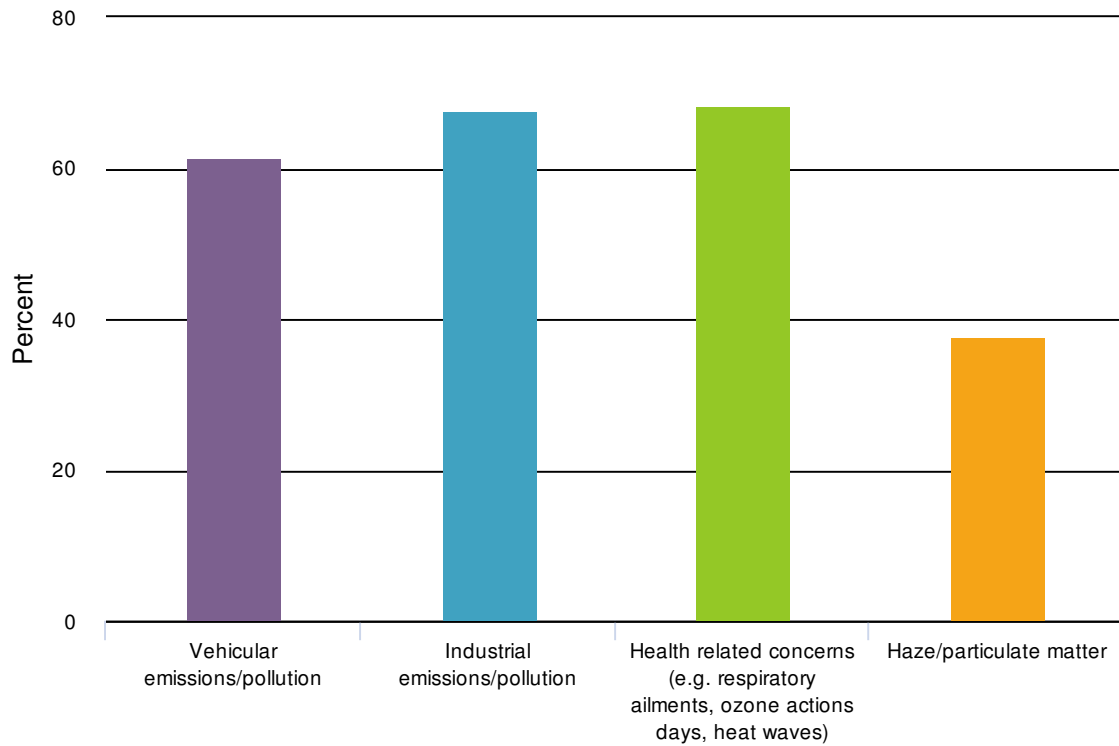

Value		Percent	Responses
Never heard of WCCD		37.8%	85
Thought Conservation Districts were for farmers/agriculture only		10.7%	24
Did not know about a specific program, but might use it now		56.4%	127
No interest/Not applicable to me		8.4%	19

4. Below are general categories of natural resource or environmental issues. Please select your top categories of concern for Washtenaw County:
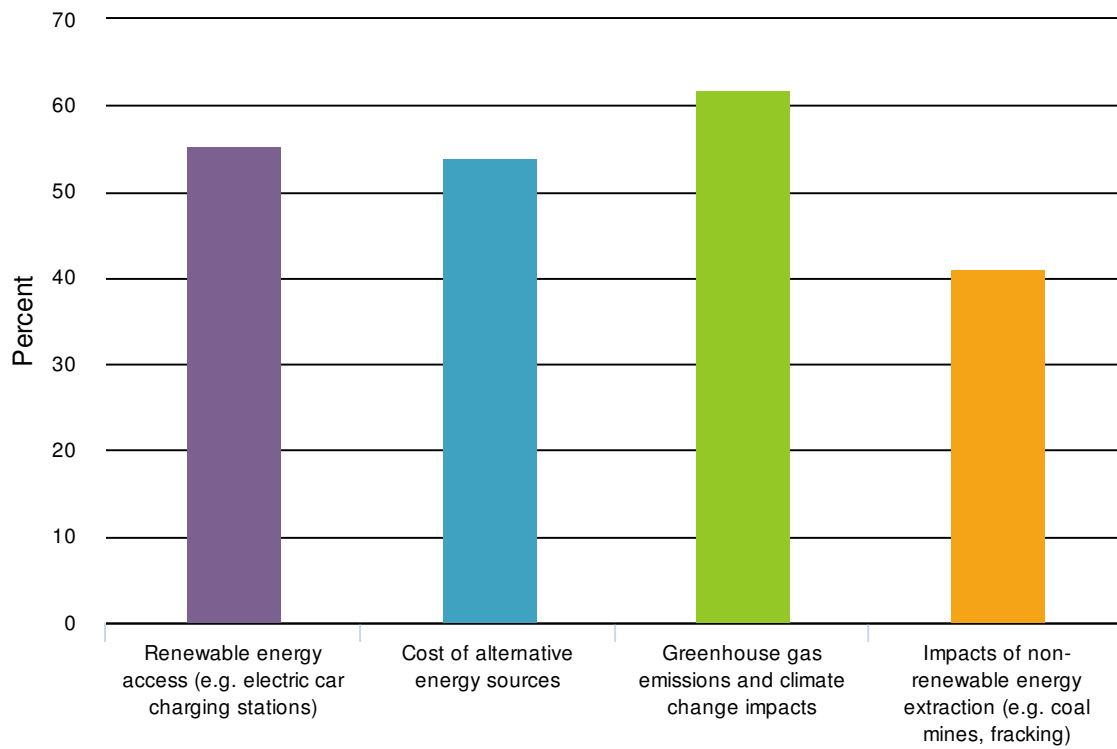

Value		Percent	Responses
Air Quality & Average Temperature		21.7%	195
Energy Use		25.6%	230
Equity and Access		19.4%	174
Forests & Woodlots		43.0%	386
Land Use		54.6%	490
Solid Waste/Recycling		36.7%	329
Surface/ Groundwater Quality & Average Temperature		40.6%	364
Wetlands		36.2%	325
Wildlife		35.7%	320

5. Please mark your specific concerns related to Air Quality & Average Temperature:
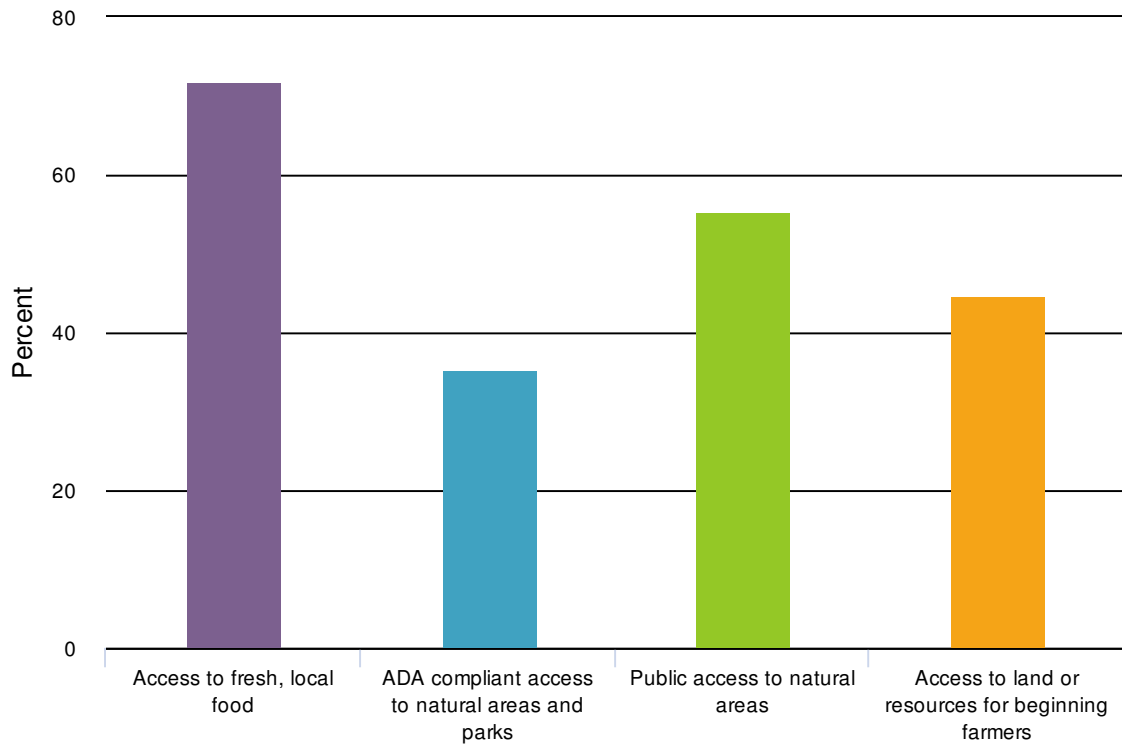

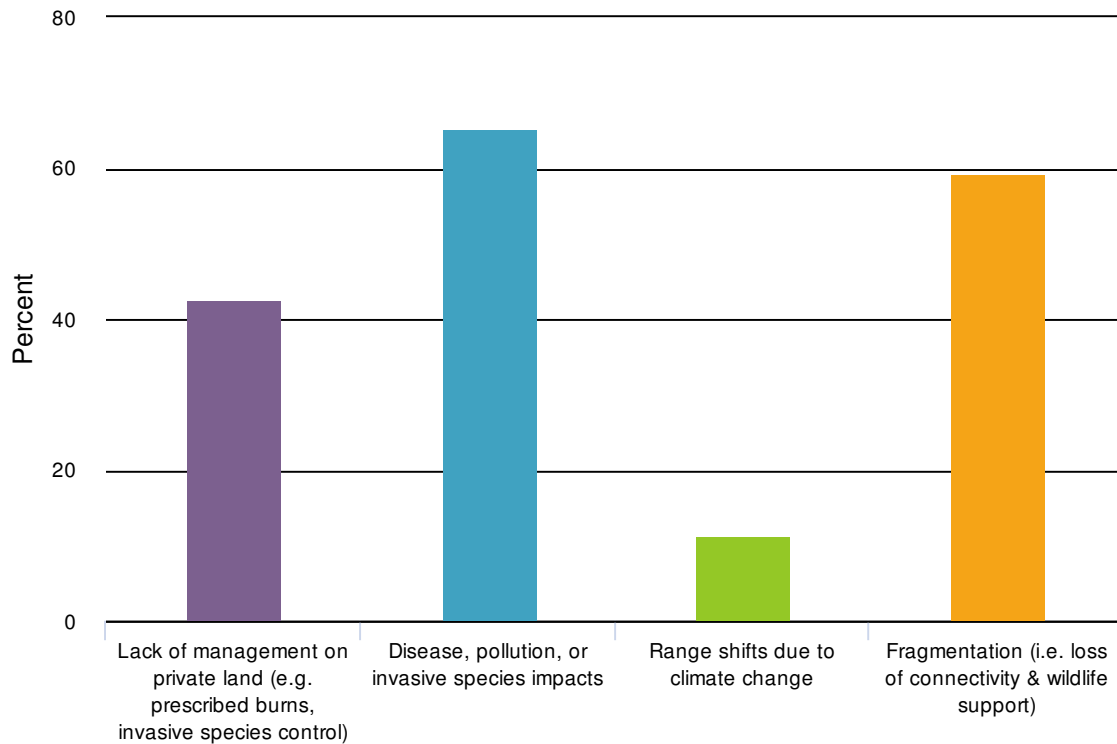| Value		Percent	Responses
Vehicular emissions/pollution		61.3%	114
Industrial emissions/pollution		67.7%	126
Health related concerns (e.g. respiratory ailments, ozone actions days, heat waves)		68.3%	127
Haze/particulate matter		37.6%	70

6. Please mark your specific concerns related to Energy Use:

Value		Percent	Responses
Renewable energy access (e.g. electric car charging stations)		55.3%	125
Cost of alternative energy sources		54.0%	122
Greenhouse gas emissions and climate change impacts		61.9%	140
Impacts of non-renewable energy extraction (e.g. coal mines, fracking)		41.2%	93

## 7. Please mark your specific concerns related to Equity and Access:

Value		Percent	Responses
Access to fresh, local food		71.8%	122
ADA compliant access to natural areas and parks		35.3%	60
Public access to natural areas		55.3%	94
Access to land or resources for beginning farmers		44.7%	76

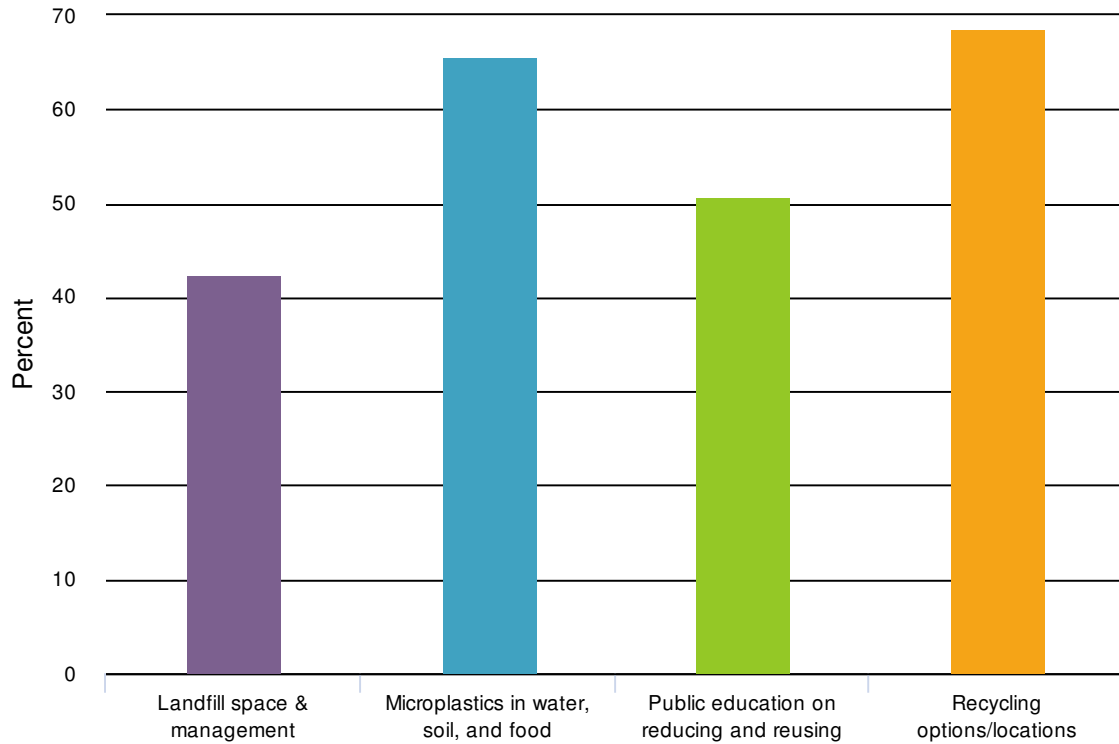## 8. Please mark your specific concerns related to Forests and Woodlots:

Value		Percent	Responses
Lack of management on private land (e.g. prescribed burns, invasive species control)		42.5%	161
Disease, pollution, or invasive species impacts		65.2%	247
Range shifts due to climate change		11.3%	43
Fragmentation (i.e. loss of connectivity & wildlife support)		59.4%	225

## 9. Please mark your specific concerns related to Land Use:
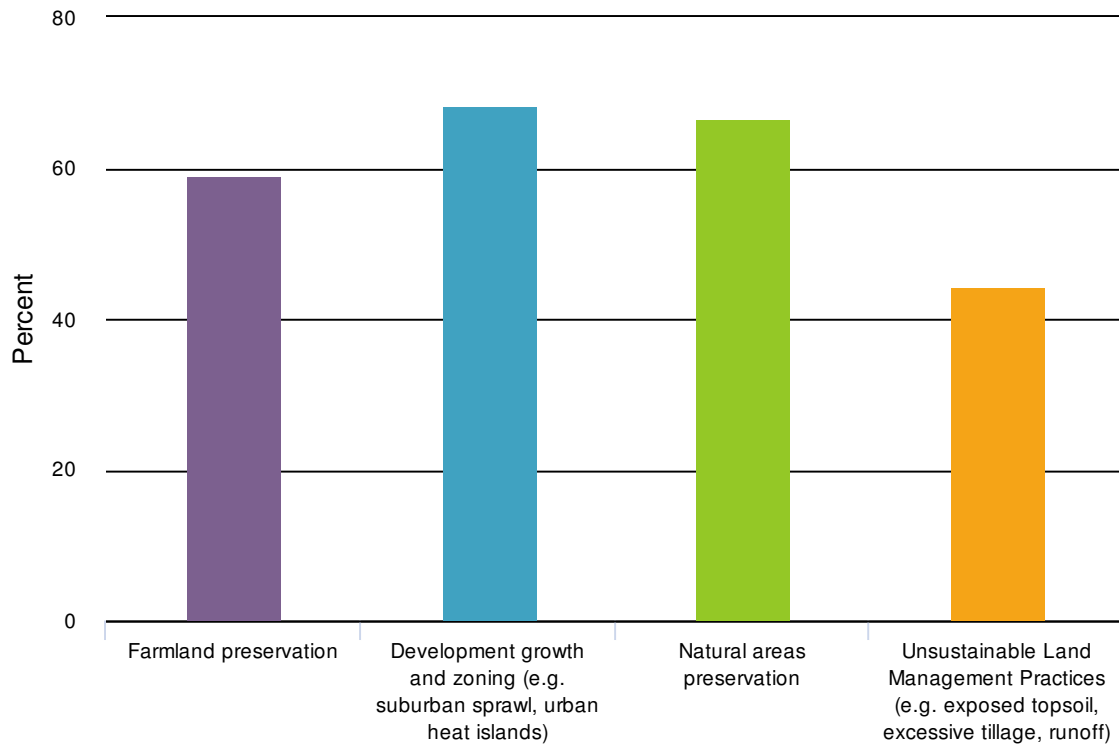
Value		Percent	Responses
Farmland preservation		59.1%	282
Development growth and zoning (e.g. suburban sprawl, urban heat islands)		68.3%	326
Natural areas preservation		66.7%	318
Unsustainable Land Management Practices (e.g. exposed topsoil, excessive tillage, runoff)		44.4%	212

## 10. Please mark your specific concerns related to Solid Waste/Recycling:

Value		Percent	Responses
Landfill space & management		42.5%	139
Microplastics in water, soil, and food		65.7%	215
Public education on reducing and reusing		50.8%	166
Recycling options/locations		68.5%	224

11. Please mark your specific concerns related to Surface/Groundwater Quality & Average Temperature:
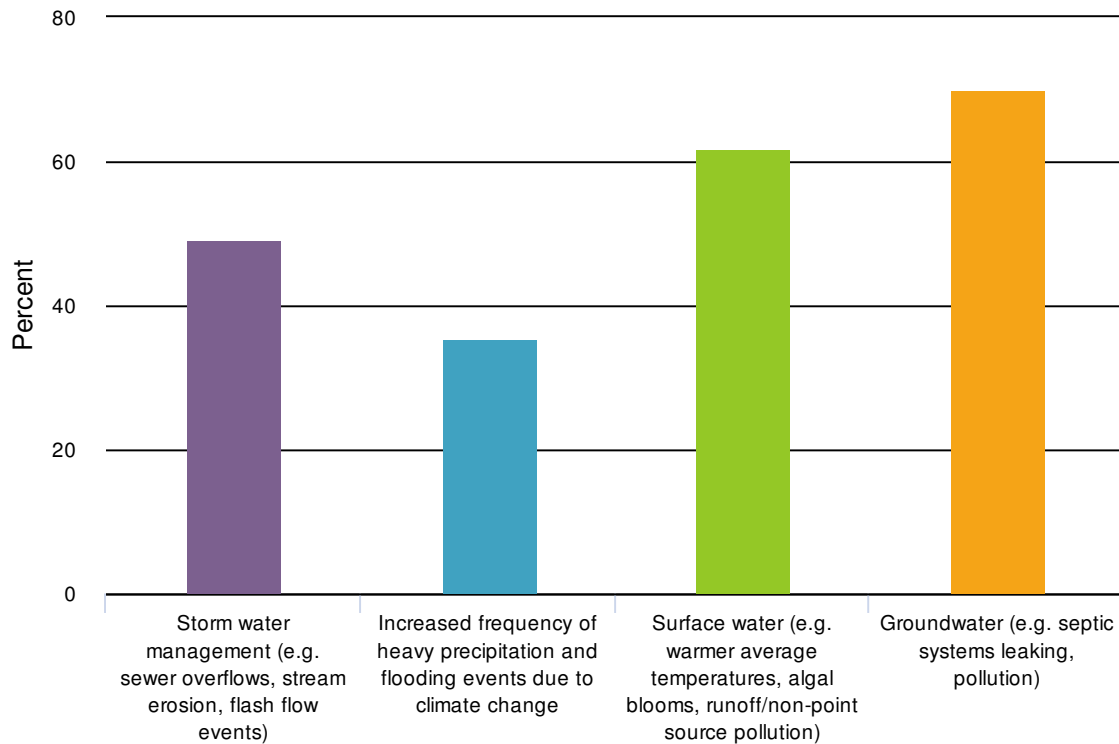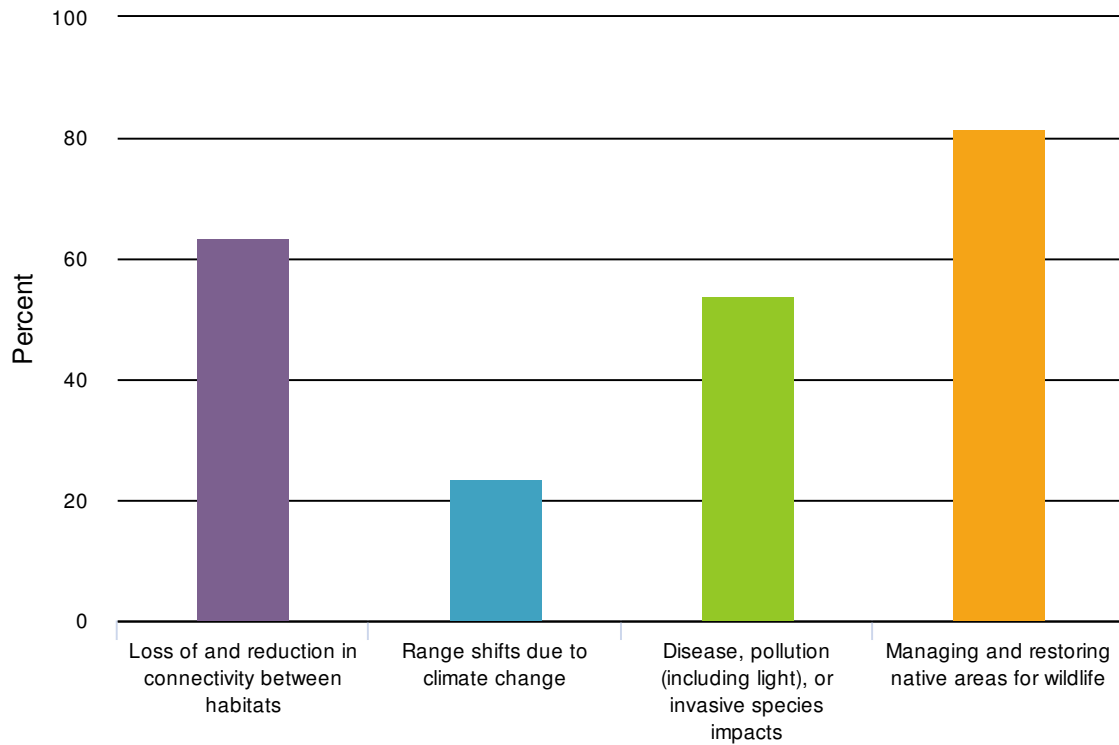

Value		Percent	Responses
Storm water management (e.g. sewer overflows, stream erosion, flash flow events)		49.2%	175
Increased frequency of heavy precipitation and flooding events due to climate change		35.4%	126
Surface water (e.g. warmer average temperatures, algal blooms, runoff/non-point source pollution)		61.8%	220
Groundwater (e.g. septic systems leaking, pollution)		69.9%	249

12. Please mark your specific concerns related to Wetlands:
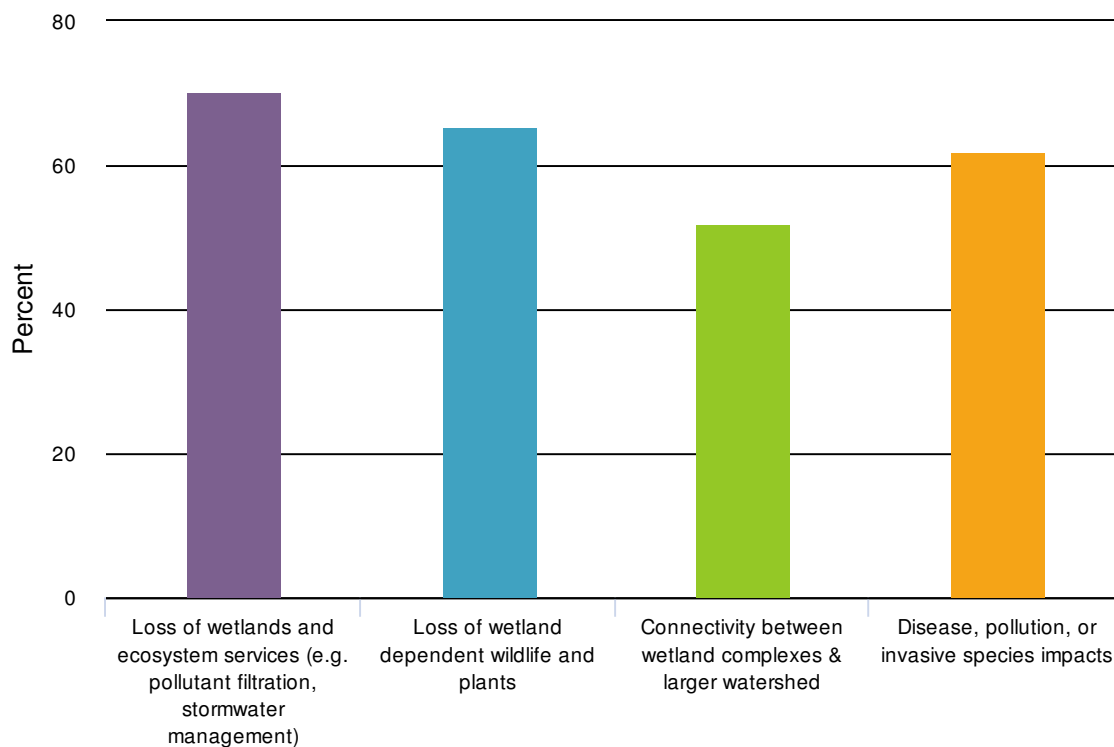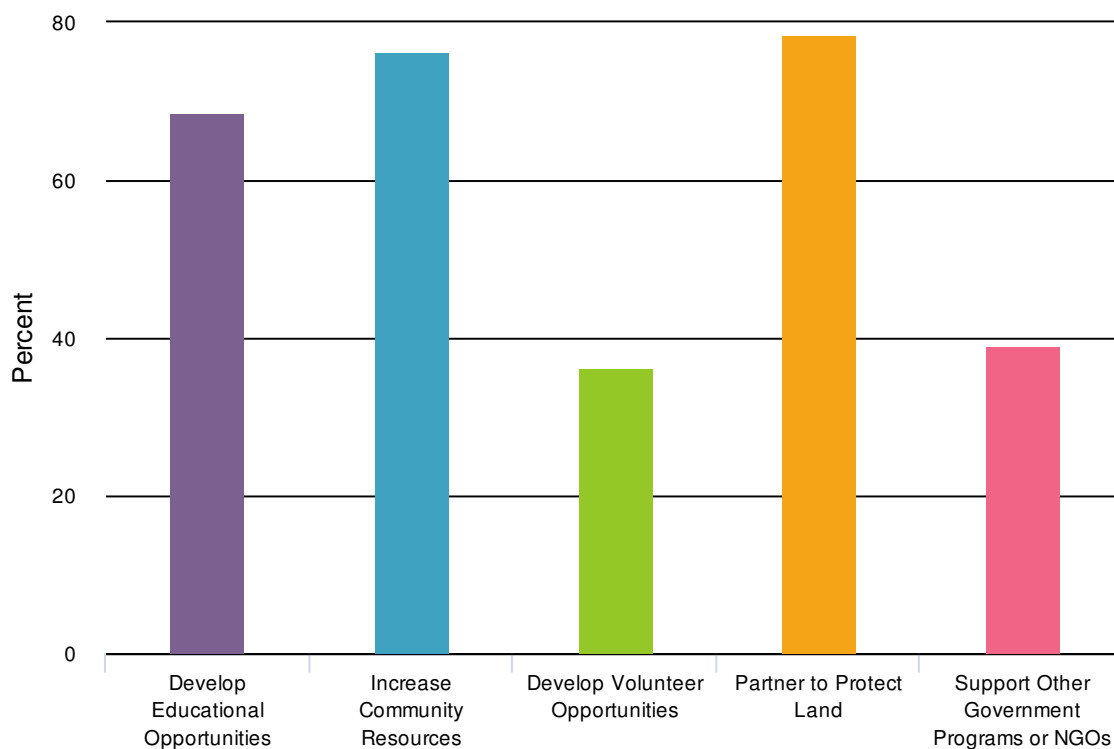

Value		Percent	Responses
Loss of wetlands and ecosystem services (e.g. pollutant filtration, stormwater management)		70.4%	226
Loss of wetland dependent wildlife and plants		65.4%	210
Connectivity between wetland complexes & larger watershed		52.0%	167
Disease, pollution, or invasive species impacts		62.0%	199

13. Please mark your specific concerns related to Wildlife:

Value		Percent	Responses
Loss of and reduction in connectivity between habitats		63.6%	196
Range shifts due to climate change		23.4%	72
Disease, pollution (including light), or invasive species impacts		53.9%	166
Managing and restoring native areas for wildlife		81.5%	251

14. Please select the program categories you'd like WCCD to pursue to address natural resource/environmental issues in Washtenaw County:

Value		Percent	Responses
Develop Educational Opportunities		68.6%	578
Increase Community Resources		76.2%	642
Develop Volunteer Opportunities		36.2%	305
Partner to Protect Land		78.5%	661
Support Other Government Programs or NGOs		39.1%	329

15. Please mark your preferences for how WCCD could Develop Educational Opportunities:
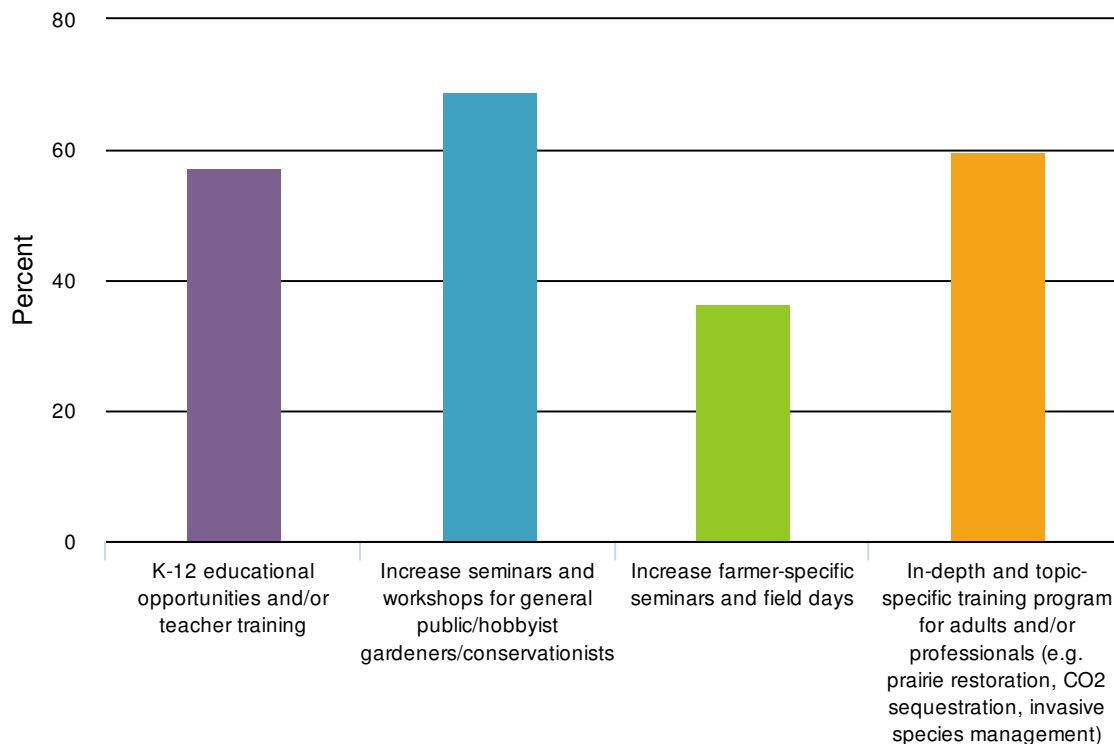
Value		Percent	Responses
K-12 educational opportunities and/or teacher training		57.3%	327
Increase seminars and workshops for general public/hobbyist gardeners/conservationists		69.0%	394
Increase farmer-specific seminars and field days		36.3%	207
In-depth and topic-specific training program for adults and/or professionals (e.g. prairie restoration, CO2 sequestration, invasive species management)		59.7%	341

16. Please mark your preferences for how WCCD could Increase Community Resources:
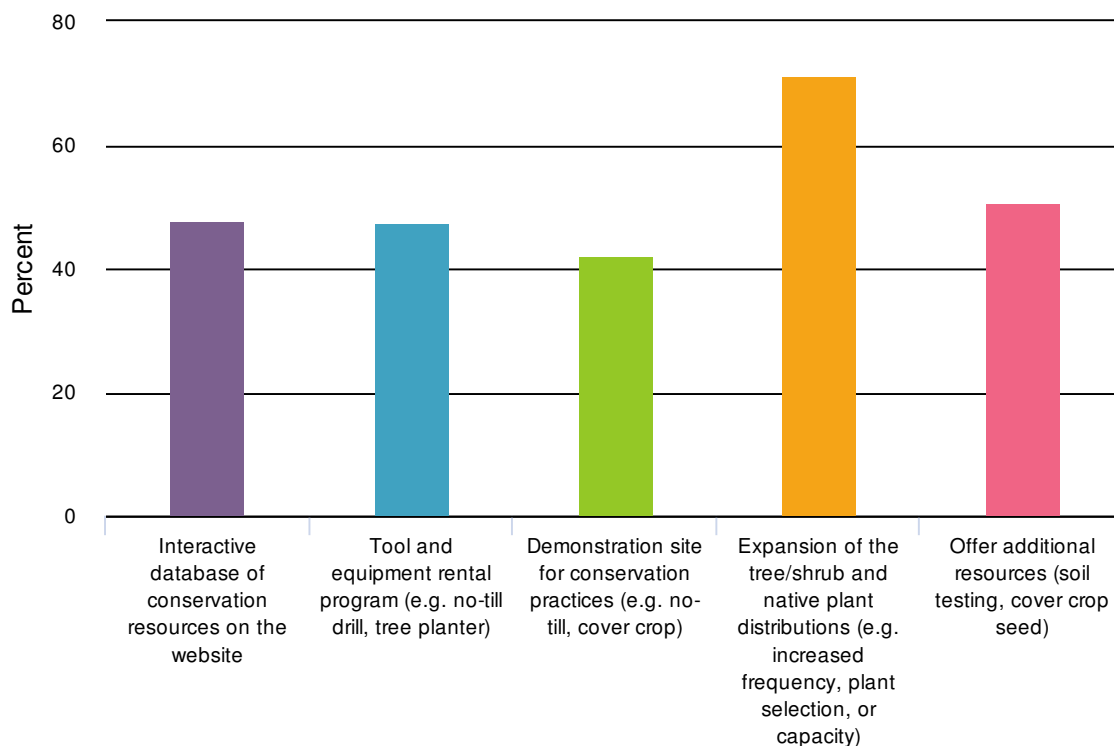
Value		Percent	Responses
Interactive database of conservation resources on the website		47.8%	300
Tool and equipment rental program (e.g. no-till drill, tree planter)		47.6%	299
Demonstration site for conservation practices (e.g. no-till, cover crop)		42.2%	265
Expansion of the tree/shrub and native plant distributions (e.g. increased frequency, plant selection, or capacity)		71.3%	448
Offer additional resources (soil testing, cover crop seed)		50.8%	319

17. Please mark your preferences for how WCCD could Develop Volunteer Opportunities:
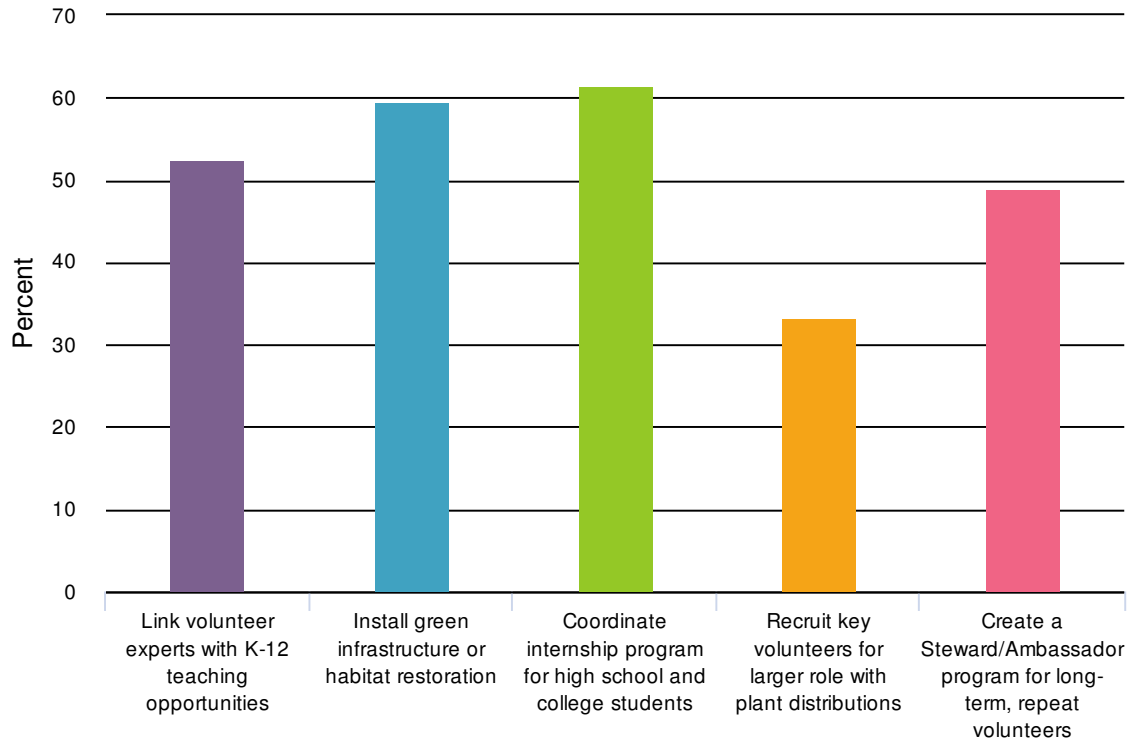
Value		Percent	Responses
Link volunteer experts with K-12 teaching opportunities		52.4%	152
Install green infrastructure or habitat restoration		59.7%	173
Coordinate internship program for high school and college students		61.4%	178
Recruit key volunteers for larger role with plant distributions		33.4%	97
Create a Steward/Ambassador program for long-term, repeat volunteers		49.0%	142

18. Please mark your preferences for how WCCD could Partner to Protect Land:
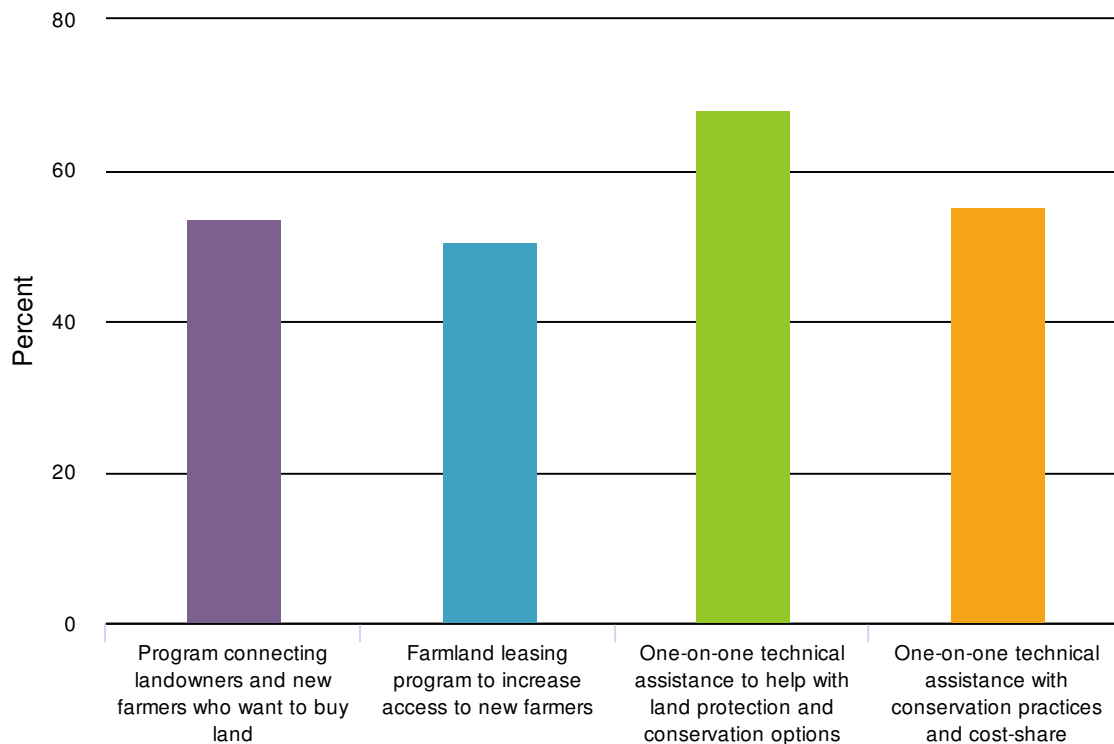
Value		Percent	Responses
Program connecting landowners and new farmers who want to buy land		53.6%	347
Farmland leasing program to increase access to new farmers		50.7%	328
One-on-one technical assistance to help with land protection and conservation options		68.2%	441
One-on-one technical assistance with conservation practices and cost-share		55.2%	357

19. Please mark your preferences for how WCCD could Support Other Government Programs or NGOs:
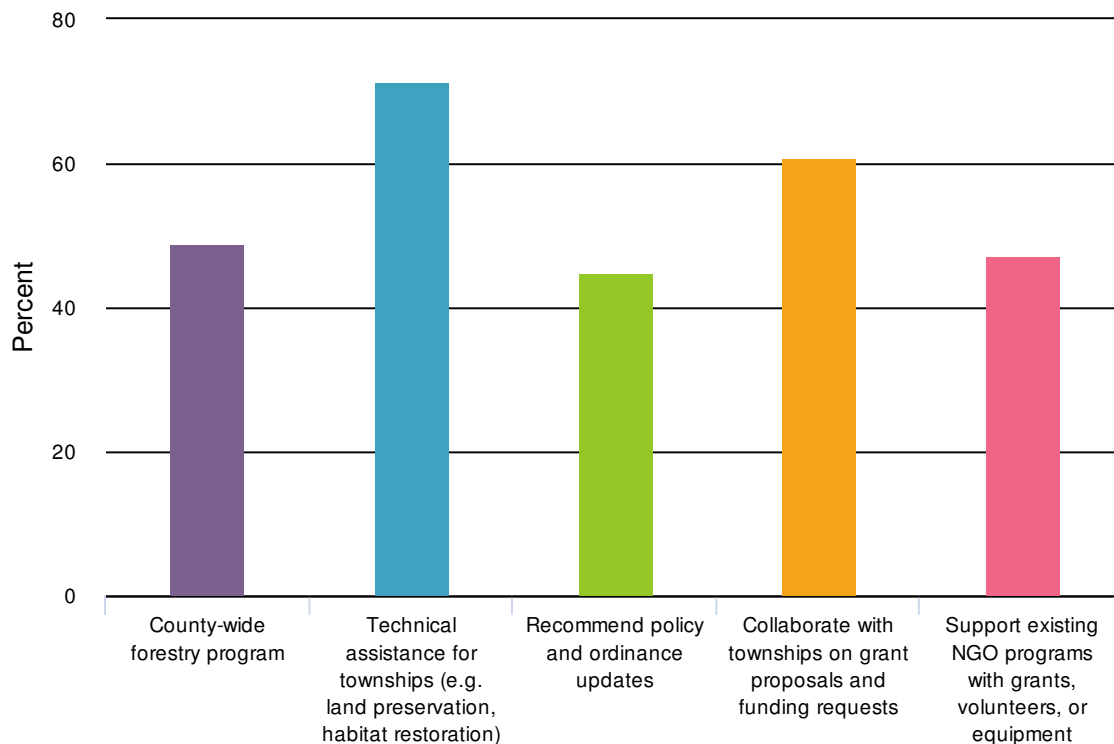
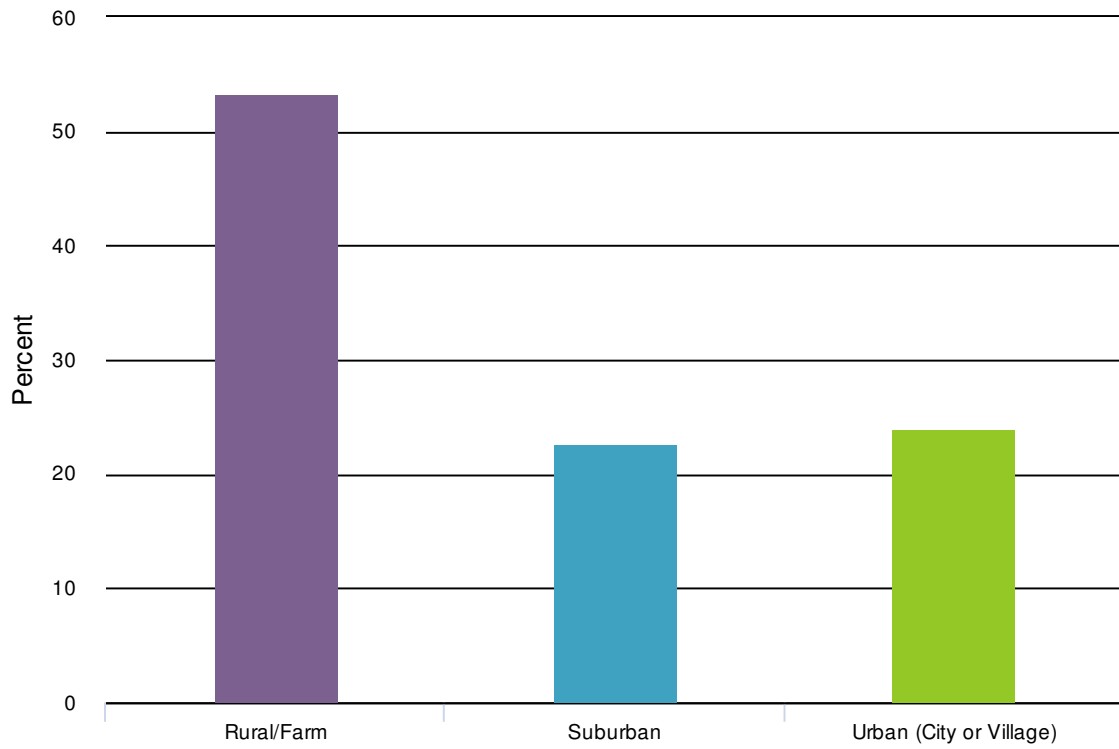| Value		Percent	Responses
County-wide forestry program		48.8%	157
Technical assistance for townships (e.g. land preservation, habitat restoration)		71.4%	230
Recommend policy and ordinance updates		45.0%	145
Collaborate with townships on grant proposals and funding requests		60.9%	196
Support existing NGO programs with grants, volunteers, or equipment		47.2%	152

21. Which best describes the setting in which you live?

Value		Percent	Responses
Rural/Farm		53.3%	446
Suburban		22.6%	189
Urban (City or Village)		24.0%	201

22. Please select in which township, village, or city you reside.
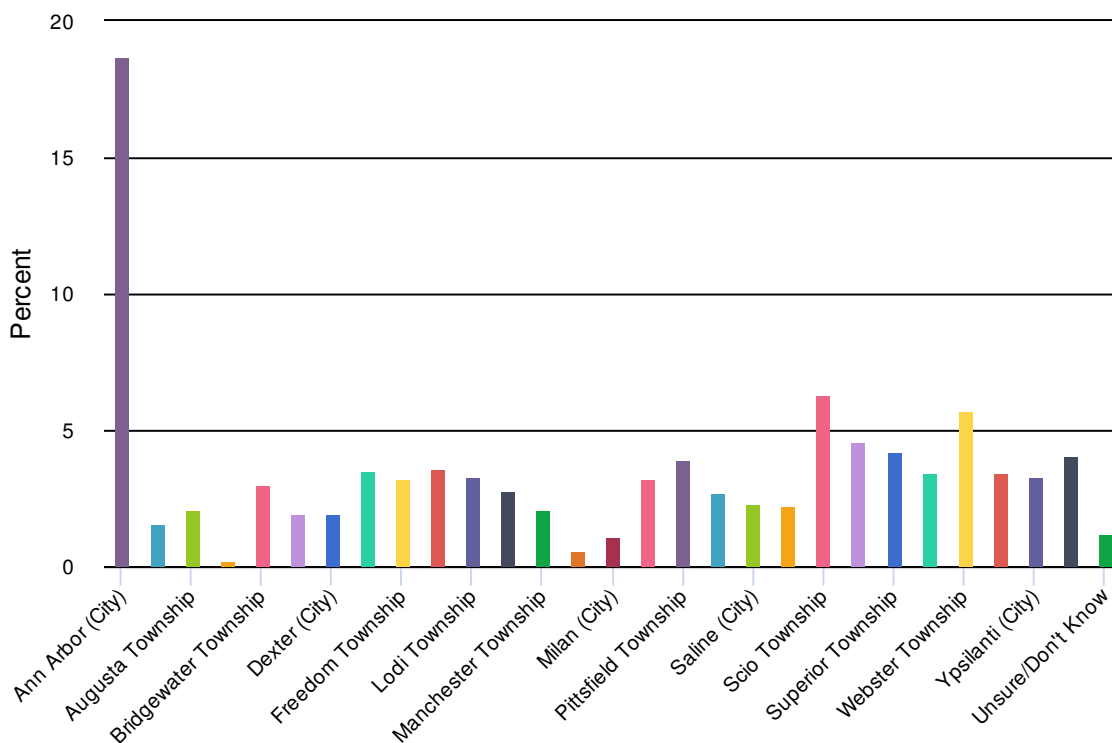
Value		Percent	Responses
Ann Arbor (City)		18.7%	154
Bridgewater Township		3.0%	25
Dexter Township		3.5%	29
Freedom Township		3.2%	26
Lima Township		3.6%	30
Lodi Township		3.3%	27
Northfield Township		3.2%	26
Pittsfield Township		3.9%	32
Scio Township		6.3%	52
Sharon Township		4.6%	38
Superior Township		4.2%	35
Sylvan Township		3.4%	28

Value		Percent	Responses
Webster Township		5.7%	47
York Township		3.4%	28
Ypsilanti (City)		3.3%	27
Ypsilanti Township		4.1%	34
Ann Arbor Township		1.6%	13
Augusta Township		2.1%	17
Barton Hills (Village)		0.2%	2
Chelsea (City)		1.9%	16
Dexter (City)		1.9%	16
Lyndon Township		2.8%	23
Manchester Township		2.1%	17
Manchester (Village)		0.6%	5
Milan (City)		1.1%	9
Salem Township		2.7%	22
Saline (City)		2.3%	19
Saline Township		2.2%	18
Unsure/Don't Know		1.2%	10

23. Please check the one category which best describes you:
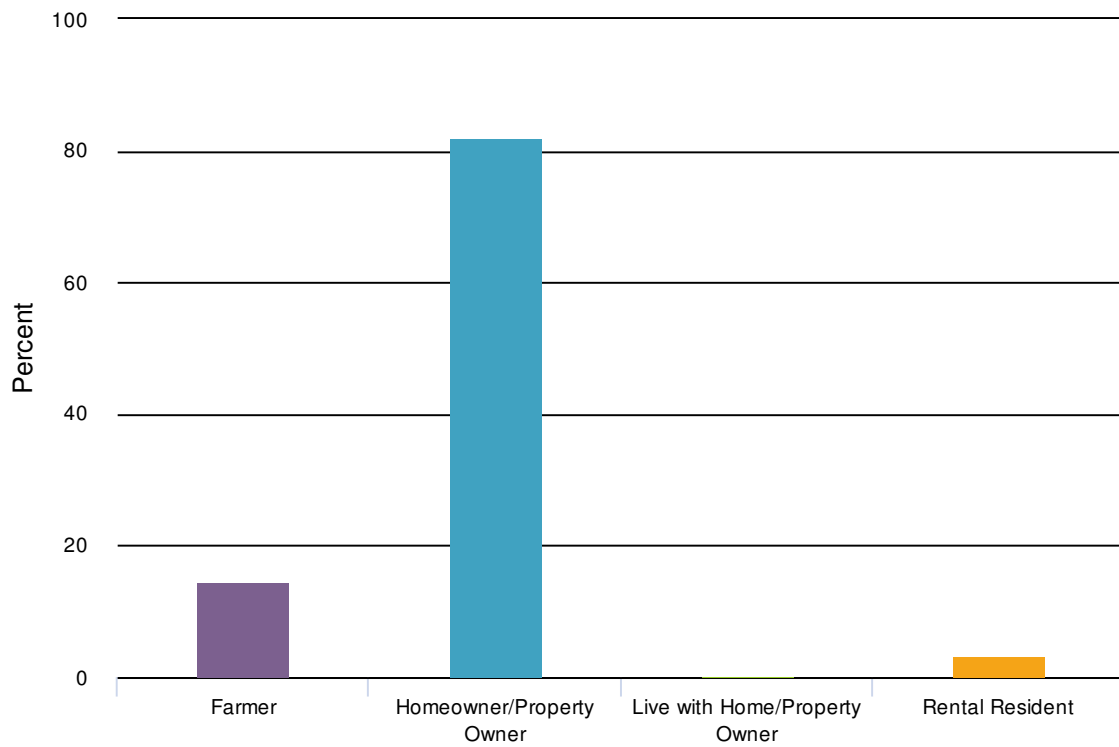
Value		Percent	Responses
Farmer		14.5%	120
Homeowner/Property Owner		82.1%	677
Live with Home/Property Owner		0.2%	2
Rental Resident		3.2%	26

24. Please select your age bracket:
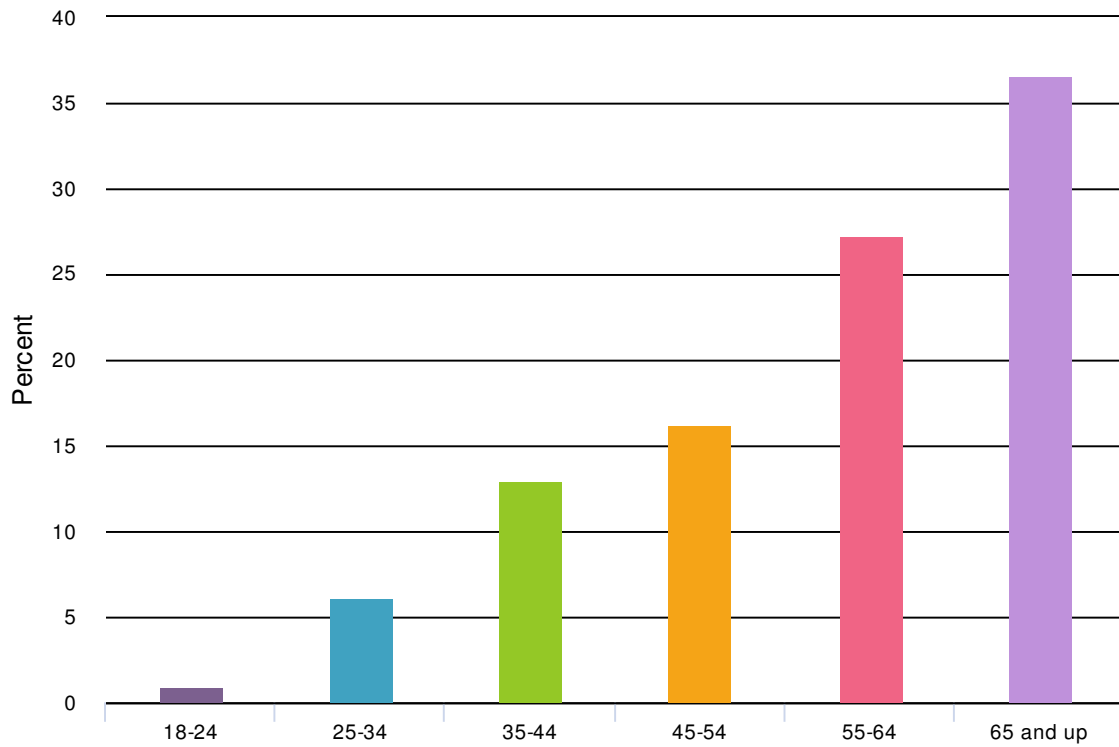
Value		Percent	Responses
18-24		0.9%	7
25-34		6.1%	50
35-44		13.0%	106
45-54		16.2%	132
55-64		27.3%	223
65 and up		36.6%	299

25. What gender do you identify as?
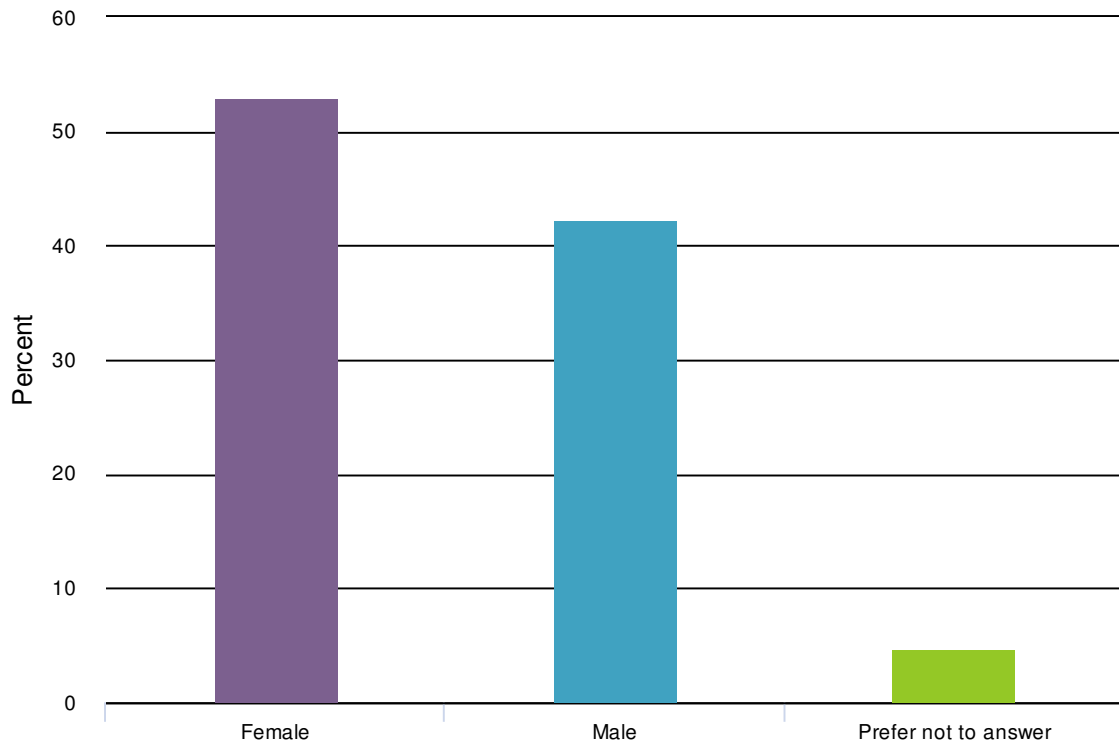
Value		Percent	Responses
Female		53.0%	437
Male		42.3%	349
Prefer not to answer		4.7%	39

26. Please select up to two race/ethnicity categories that best describe you:
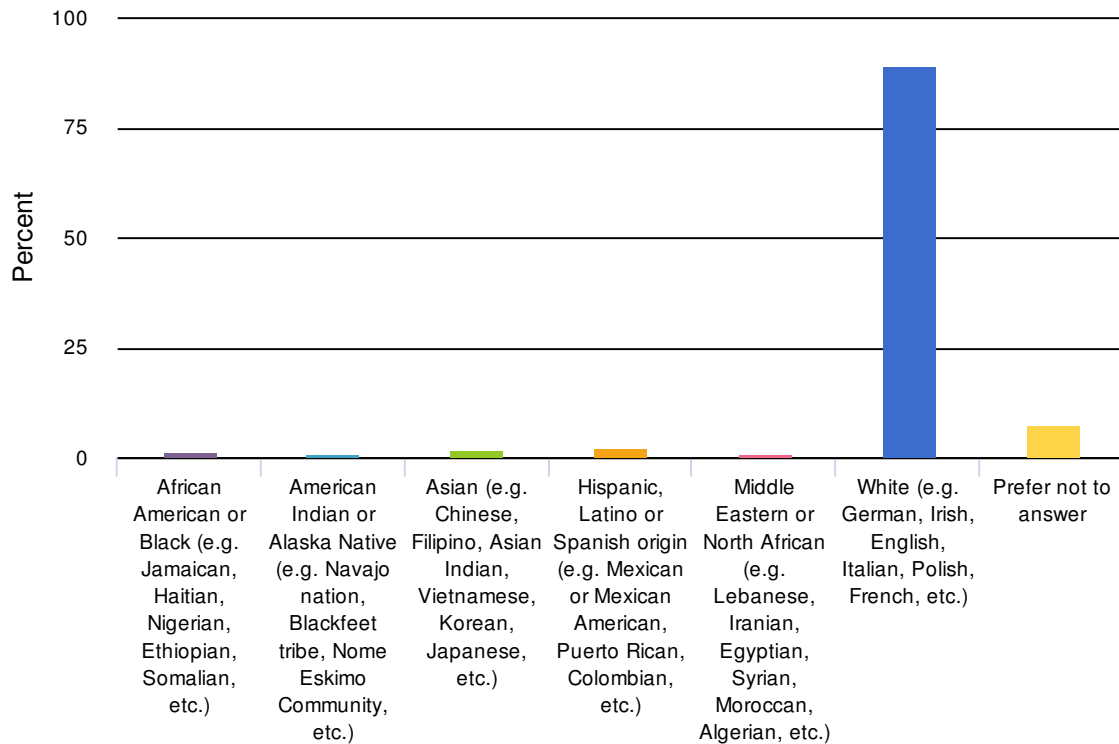
Value		Percent	Responses
African American or Black (e.g. Jamaican, Haitian, Nigerian, Ethiopian, Somalian, etc.)		1.5%	12
American Indian or Alaska Native (e.g. Navajo nation, Blackfeet tribe, Nome Eskimo Community, etc.)		0.7%	6
Asian (e.g. Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.)		1.8%	15
Hispanic, Latino or Spanish origin (e.g. Mexican or Mexican American, Puerto Rican, Colombian, etc.)		2.0%	16
Middle Eastern or North African (e.g. Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.)		0.7%	6
White (e.g. German, Irish, English, Italian, Polish, French, etc.)		88.9%	727
Prefer not to answer		7.6%	62