2021-22 School Index Summary Analysis

Document Purpose

The following document contains tables, graphs, and map data on Michigan's federal school accountability system: School Index. The contents of this document are intended to provide statewide summaries of Michigan School Index results in various contexts: across years, across components, across subgroups, across school types, and geographical context by mapping. Historical School Index data are provided back through 2016-17, the year School Index was initially published. Results and data are to be interpreted by the reader.

Additional Resources

- **School Index reports** are publicly available at: www.mischooldata.org/school-index/.

- **More information and resources** on School Index are available at: www.mi.gov/mde-schoolindex.

- **Questions or comments** about School Index or the contents of this report may be directed to the Michigan Department of Education's School Accountability Unit by emailing mde-accountability@michigan.gov or by calling 877-560-8378 and choosing option 3.

School Index Overview Tables

Counts, Means, and Medians

Academic Year	Count of Schools	Mean Index Value	Median Index Value
2016-17	3,435	66	72
2017-18	3,405	64	70
2018-19	3,402	65	70
2021-22	3,367	58	62

Count and Percent by Index Value Ranges

Index Value Range	2016-17		2017-18		2018-19		2021-22	
	Count of Schools	Pct of Schools	Count of Schools	Pct of Schools	Count of Schools	Pct of Schools	Count of Schools	Pct of Schools
0 - 9.99	89	3%	115	3%	103	3%	102	3%
10 - 19.99	139	4%	162	5%	149	4%	168	5%
20 - 29.99	158	5%	195	6%	203	6%	263	8%
30 - 39.99	215	6%	216	6%	201	6%	290	9%
40 - 49.99	236	7%	245	7%	246	7%	361	11%
50 - 59.99	333	10%	348	10%	337	10%	418	12%
60 - 69.99	453	13%	439	13%	465	14%	562	17%
70 - 79.99	559	16%	527	15%	541	16%	485	14%
80 - 89.99	621	18%	573	17%	533	16%	441	13%
90 - 100	632	18%	585	17%	624	18%	277	8%

School Index Overview Graphical Distributions

Traditional Distributions of School Overall Index Values
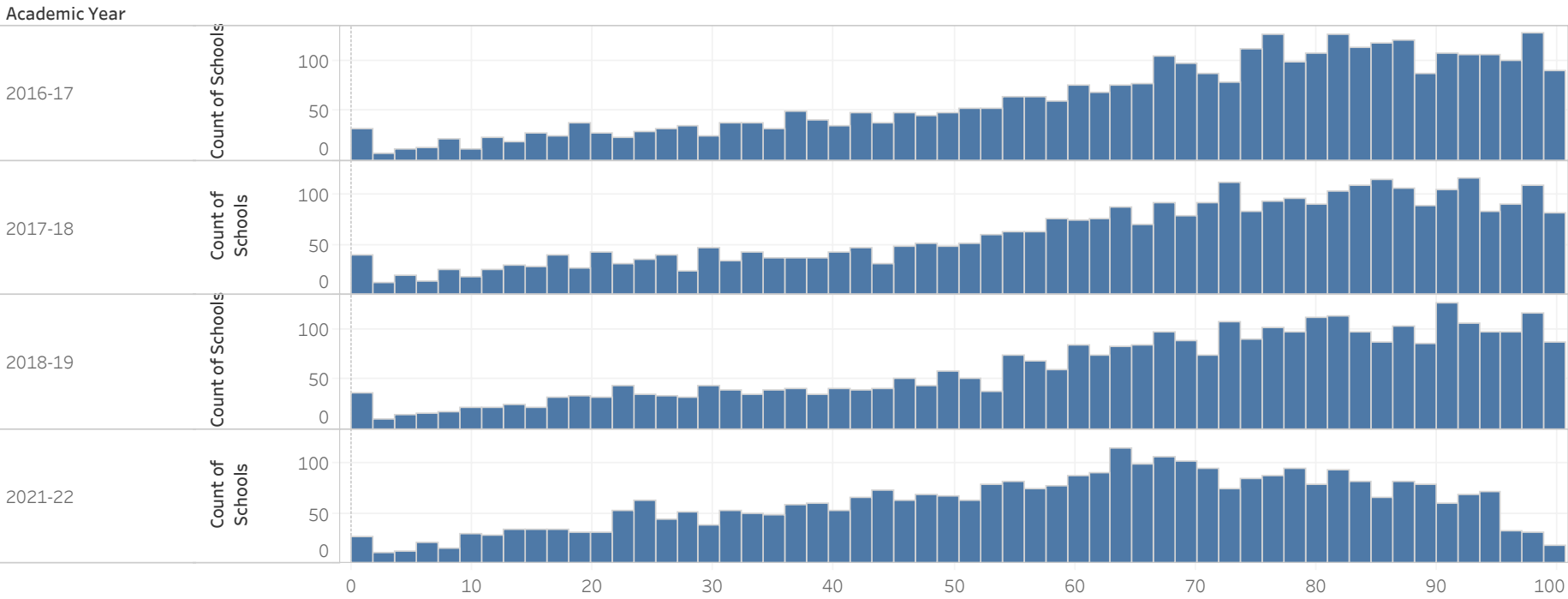
Academic Year

## Condensed Distributions (Box Plots) of School Overall Index Values
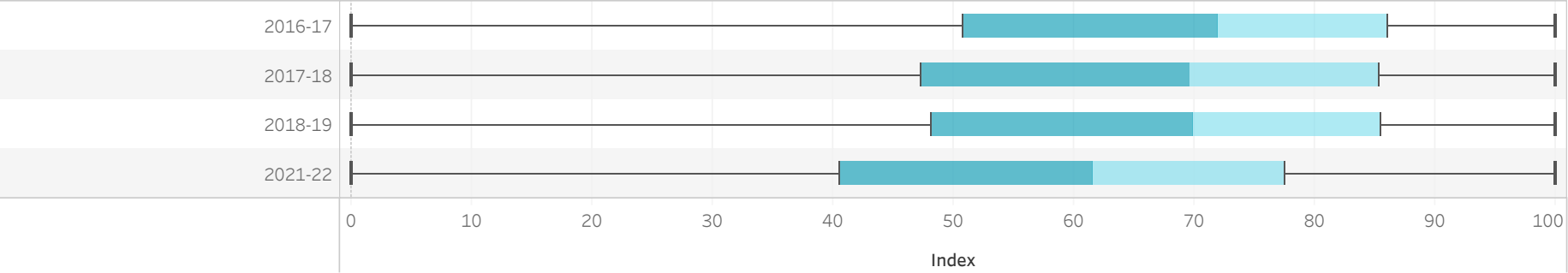
School Index Component Overview

Component Counts, Percents, and Median Values - Part One

Academic Year	Overall		Growth		Proficiency		Graduation Rate	
	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value
2016-17	3,435	72	3,094	67	3,252	66	1,004	90
2017-18	3,405	70	3,068	62	3,223	64	1,005	90
2018-19	3,402	70	3,050	63	3,197	65	987	91
2021-22	3,367	62	2,005	55	3,168	56	995	90

Component Counts, Percents, and Median Values - Part Two

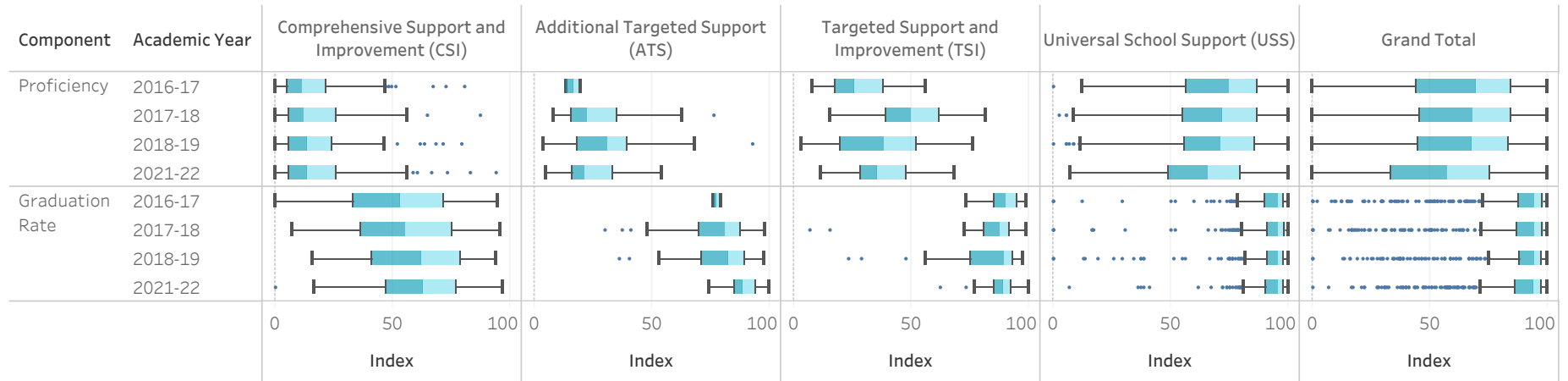| Academic Year	English Learner Progress		School Quality and Student Success		Subject Test Participation		English Learner Test Participation	
	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value
2016-17	558	76	3,406	86	2,913	100	727	100
2017-18	596	89	3,374	83	2,877	100	745	100
2018-19	578	79	3,367	83	2,844	100	735	100
2021-22	362	44	3,349	63	2,828	100	665	100

Component Box Plots
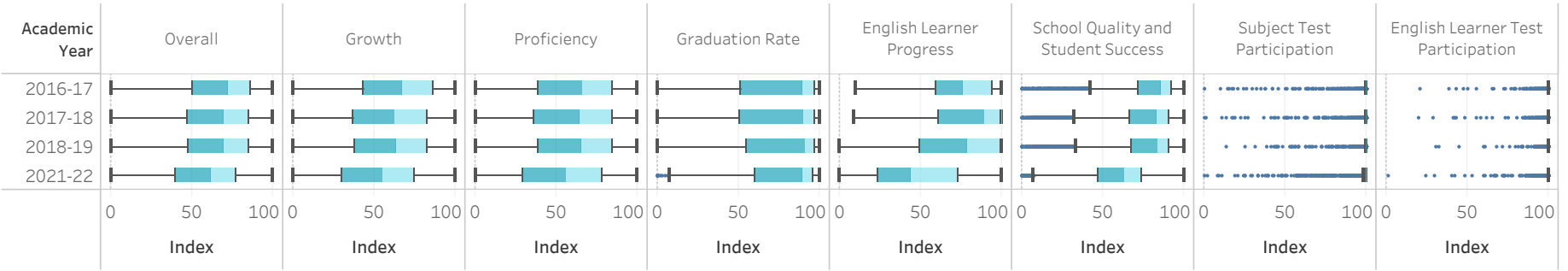
Disconnect of Low Proficiency and High Graduation Rates

Proficiency and Graduation Rate Box Plots
by Support Category and Year

Component	Academic Year	Comprehensive Support and Improvement (CSI)	Additional Targeted Support (ATS)	Targeted Support and Improvement (TSI)	Universal School Support (USS)	Grand Total
Proficiency	2016-17					
	2017-18					
	2018-19					
	2021-22					
Graduation Rate	2016-17					
	2017-18					
	2018-19					
	2021-22					

Proficiency and Graduation Rate Counts and Medians

Component	Academic Year	Comprehensive Support and Improvement (CSI)		Additional Targeted Support (ATS)		Targeted Support and Improvement (TSI)		Universal School Support (USS)		Grand Total	
		Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value
Proficiency	2016-17	87	12	2	16	18	25	607	75	714	70
	2017-18	71	12	20	22	23	50	593	72	707	68
	2018-19	65	13	17	31	30	38	595	72	707	68
	2021-22	110	13	13	21	43	35	556	66	722	57
Graduation Rate	2016-17	87	53	2	78	18	90	607	96	714	95
	2017-18	71	56	20	81	23	88	593	96	707	95
	2018-19	65	62	17	82	30	90	595	96	707	94
	2021-22	110	63	13	88	43	89	556	96	722	94

Limited to schools having index values for BOTH proficiency and graduation rate.
Support category USS describes schools not identified for CSI, ATS, or TSI and so receive the supports from MDE offered universally to all schools.

English Learner (EL) Progress Details

Counts and Median Values

| | English Learner Progress | |
Academic Year	Count of Schools	Median Index Value
2016-17	558	76
2017-18	596	89
2018-19	578	79
2021-22	362	44

Component Box Plots

English Learner Progress
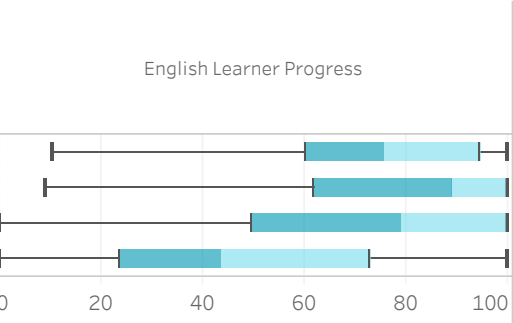
EL Growth Score / Growth Target Details

Academic Year	Count of Students with EL Growth Data	Avg. Student Growth Score	Avg. Student Growth Target	Avg. Student Growth Gap From Target
2016-17	71,322	50	51	0
2017-18	75,888	50	56	6
2018-19	76,195	50	61	11
2021-22	48,545	53	75	22

While average EL growth scores have remained steady (as growth scores are normative and by definition the average should be at or near 50), average EL growth targets have risen. This resulted in a decrease in the percent of ELs meeting EL progress.

The increase to EL student growth targets is due to two factors:
(1) EL proficiency was redefined in 2016-17. Growth target calculations were adjusted as more years of data using the redefined EL proficiency became available.

(2) COVID increased the challenges being faced by EL students to reach EL proficiency. The growth model caputured this increased challenge by further increasing students' EL growth targets.

School Index School Quality / Student Success (SQSS) Subcomponents Overview

Counts and Median Values

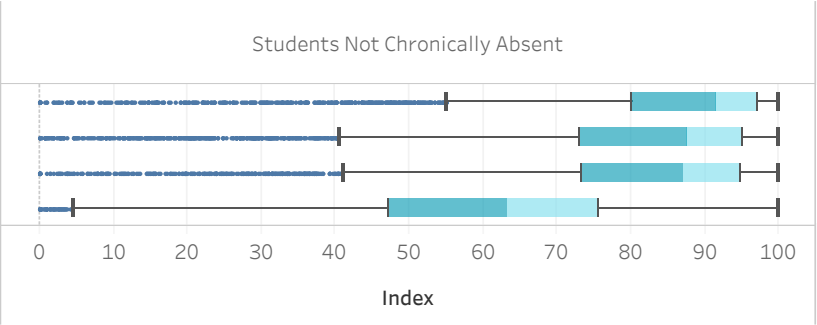| Academic Year	Students Not Chronically Absent		Access to Arts/Physical Education		Access to Librarian		Advanced Coursework		Postsecondary Enrollment	
	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value
2016-17	3,387	92	2,581	73	2,581	0	1,057	53	847	83
2017-18	3,356	88	2,561	75	2,561	0	1,069	56	859	80
2018-19	3,347	87	2,568	78	2,568	0	1,058	61	863	78
2021-22	3,336	63	2,578	85	2,578	0	1,078	53	857	67

Box Plots
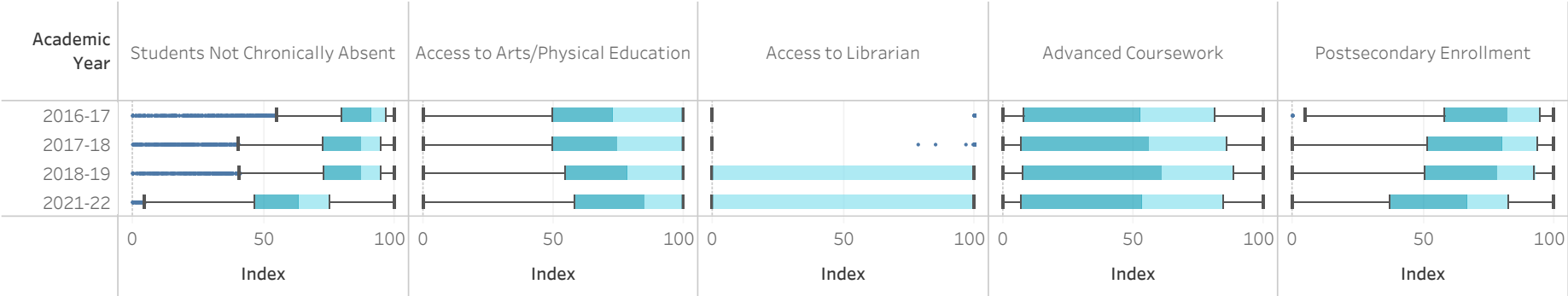
Students Not Chronically Absent Details

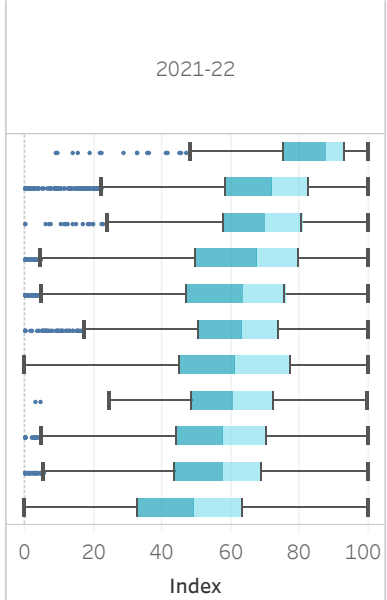## Historical Counts, Median Values, Box Plots

Component	Academic Year	Count of Schools	Pct With Index Below 50	Median Index Value
Students Not Chronically Absent	2016-17	3,387	9%	92
	2017-18	3,356	12%	88
	2018-19	3,347	12%	87
	2021-22	3,336	28%	63

Students Not Chronically Absent

2021-22 Counts, Median Values, and Box Plots
By Student Subgroup

Component	Student Subgroup	2021-22		
		Count of Schools	Pct With Index Below 50	Median Index Value
Students Not Chronically Absent	Asian	367	6%	88
	White	2,880	16%	72
	English Learners	750	15%	70
	All Students	3,336	25%	67
	Overall	3,336	28%	63
	Hispanic Or Latino	1,191	24%	63
	Two or More Races	873	32%	61
	American Indian or Alaska Native	38	34%	60
	Students with Disabilities	2,686	35%	58
	Economically Disadvantaged	3,183	35%	58
	Black or African American	1,328	52%	49

2021-22

School Index Student Subgroup Overview - Part One

Subgroup Overall Index Box Plots

Academic Year	Overall	All Students	American Indian or Alaska Native	Asian	Black or African American	Hispanic Or Latino

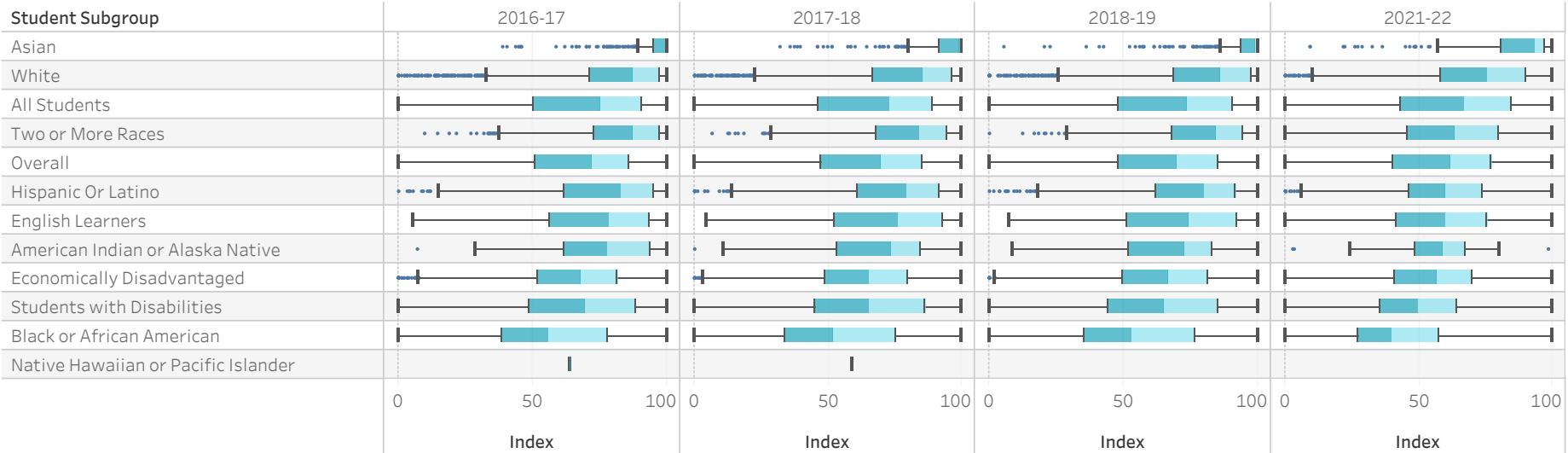| Academic Year	Native Hawaiian or Pacific Islander	Two or More Races	White	Economically Disadvantaged	English Learners	Students with Disabilities
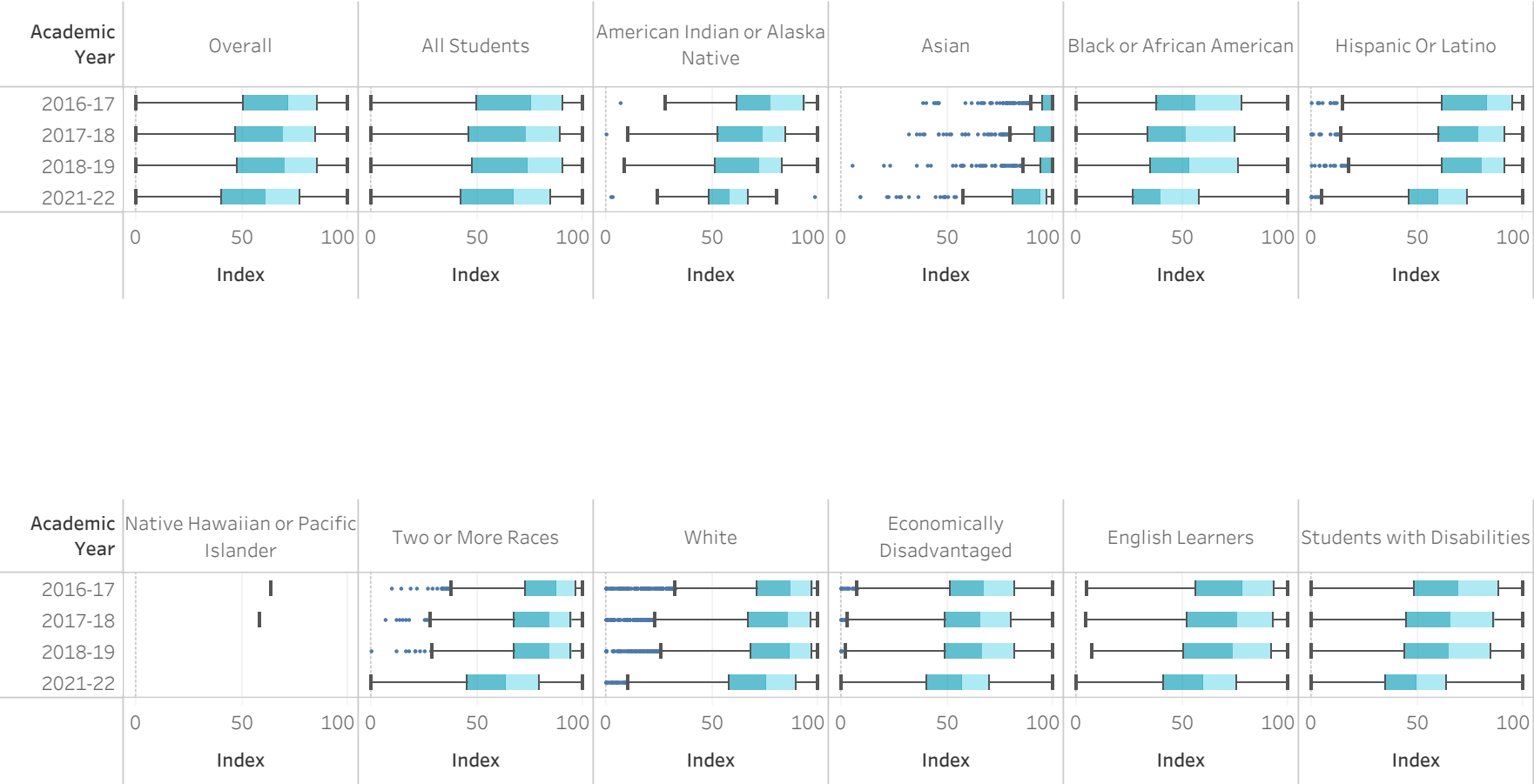
School Index Student Subgroup Overview - Part Two

Subgroup Overall Index Counts and Median Values

Student Subgroup	2016-17		2017-18		2018-19		2021-22	
	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value	Count of Schools	Median Index Value
Asian	387	100	388	99	388	99	368	94
White	2,961	87	2,930	86	2,923	86	2,886	76
All Students	3,435	75	3,405	73	3,402	74	3,367	67
Two or More Races	637	87	723	85	762	85	876	64
Overall	3,435	72	3,405	70	3,402	70	3,367	62
Hispanic Or Latino	1,073	83	1,090	79	1,118	80	1,195	60
English Learners	772	79	790	76	783	74	753	60
American Indian or Alaska Native	47	78	44	74	44	73	38	59
Economically Disadvantaged	3,185	68	3,210	65	3,198	67	3,195	57
Students with Disabilities	2,690	69	2,695	66	2,697	65	2,687	50
Black or African American	1,361	56	1,355	52	1,345	53	1,334	40
Native Hawaiian or Pacific Islander	1	64	1	59				

Subgroup Overall Index Box Plots

Context for Black Student Group School Index Outcomes

Subgroup Overall Index Box Plots

Student Subgroup	2016-17	2017-18	2018-19	2021-22
White				
Black or African American				

Index (0 – 100 for each year)
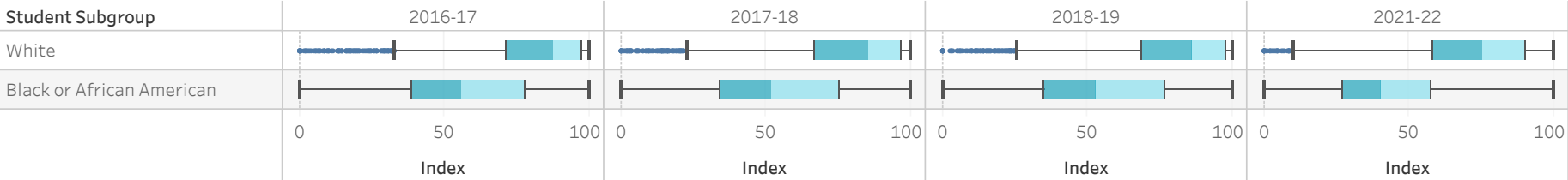
Full Academic Year (FAY) Proficiency By Economic Status and Ethnicity

Content Area	Economic Status	Ethnicity	2016-17	2017-18	2018-19	2021-22
Math & ELA Combined	Non Economically Disadvantaged	White	60	60	62	58
		Black or African American	31	32	34	30
	Economically Disadvantaged	White	35	34	36	32
		Black or African American	16	15	17	13

Pct Proficient (0 – 60 for each year)
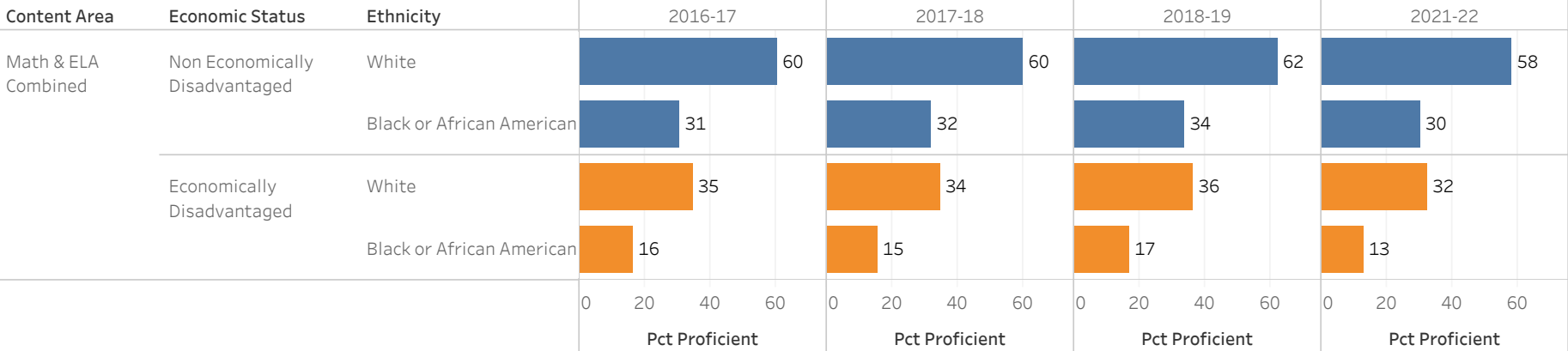
Frequency of 10 Plus Point Proficiency Gap Within ISDs

Academic Year	Count of ISDs	Count of ISDs with 30 Plus FAY Black and 30 Plus FAY White Students	Count of ISDs with Proficiency Gap of 10 Plus Points	Pct of ISDs Having 10 Plus Point Proficiency Gap
2016-17	56	46	34	74%
2017-18	56	48	35	73%
2018-19	56	44	31	70%
2021-22	56	44	33	75%

Historical Support Category Counts
by Year and System

Academic Year	Identificaiton System	Intervention Categories	N Schools Identified for Support
2021-22	School Index	CSI*, ATS, or TSI	461
2020-21	School Index*****	CSI*, ATS*, or TSI	259
2019-20	School Index****	CSI*, ATS*, or TSI	263
2018-19	School Index	CSI*, ATS*, or TSI	268
2017-18	School Index	CSI*, ATS, or TSI	276
2016-17	School Index	CSI, ATS, or TSI	295
2015-16	Top-to-Bottom***	Priority* or Focus*	743
2014-15	Top-to-Bottom**	Priority* or Focus*	793
2013-14	Top-to-Bottom	Priority* or Focus*	805
2012-13	Top-to-Bottom	Priority* or Focus*	679
2011-12	AYP & Top-to-Bottom	Not Met AYP, Priority, or Focus	966
2010-11	AYP	Not Met AYP	1,299

* Cohort support categories. Thus, schools remain in that status for duration of the cohort, not just the year the school was identified for support.
** 2014-15 no new identifications made due a change in assessments and change from fall to spring testing. 2014-15 only had cohorts reduced by local closures.
*** 2015-16 no new identification made due to passage of new federal law (ESSA in Dec. 2015). 2015-16 only had cohorts reduced by local closures.
**** 2019-20 no new identification made. Due to COVID, no accountability was run. 2019-20 only had cohorts reduced by local closures.
***** 2020-21 no new identification were made. Due to COVID, no accountability was run. 2020-21 only had cohorts reduced by local closures.

School Index Support Category and Reason Overview

Support **Category** Counts and Percents by Year

Support Category	2016-17 Count of Schools	2016-17 Pct of Schools	2017-18 Count of Schools	2017-18 Pct of Schools	2018-19 Count of Schools	2018-19 Pct of Schools	2021-22 Count of Schools	2021-22 Pct of Schools
Comprehensive Support and Improvement (CSI)	162	4.7%	153	4.5%	147	4.3%	255	7.6%
Additional Targeted Support (ATS)	5	0.1%	60	1.8%	59	1.7%	68	2.0%
Targeted Support and Improvement (TSI)	128	3.7%	63	1.9%	63	1.9%	138	4.1%
Universal School Support (USS)	3,140	91.4%	3,129	91.9%	3,133	92.1%	2,906	86.3%
Grand Total	3,435	100.0%	3,405	100.0%	3,402	100.0%	3,367	100.0%

Support **Reason** Counts and Percents by Year

Support Caegory	Support Reason	2016-17 Count of Schools	2016-17 Pct of Schools	2017-18 Count of Schools	2017-18 Pct of Schools	2018-19 Count of Schools	2018-19 Pct of Schools	2021-22 Count of Schools	2021-22 Pct of Schools
CSI	Index below threshold	94	2.7%	87	2.6%	83	2.4%	104	3.1%
	Both index and graduation rate below thresholds	44	1.3%	42	1.2%	41	1.2%	49	1.5%
	Graduation rate below threshold	24	0.7%	24	0.7%	23	0.7%	37	1.1%
	Prior CSI unimproved proficiency, remain CSI							32	1.0%
	Prior ATS re-identified same subgroup(s), convert to CSI							19	0.6%
	Prior ATS unimproved proficiency, convert to CSI							14	0.4%
ATS	Three or more underperforming subgroups, overall (5th %ile)	5	0.1%						
	Underperforming subgroup, overall (5th %ile)			60	1.8%	59	1.7%	68	2.0%
TSI	One or two underperforming subgroups, overall (5th %ile)	128	3.7%						
	Underperforming subgroup, all components (25th %ile)			63	1.9%	63	1.9%	138	4.1%
USS	Not identified for CSI, ATS, or TSI	3,140	91.4%	3,129	91.9%	3,133	92.1%	2,906	86.3%
Grand Total		3,435	100.0%	3,405	100.0%	3,402	100.0%	3,367	100.0%

Comparison of Subgroup Rate of Occurance and Rate of Identification for ATS

Subgroup	Academic Year	All Schools With Index			Additional Targeted Support (ATS)			Difference in Pct Schools With Subgroup
		Count of Schools	Count of Schools With Subgroup	Pct Schools With Subgroup	Count of Schools	Count of Schools With Subgroup	Pct Schools With Subgroup	
Black or African American	2017-18	3,405	865	25%	60	31	52%	27%
	2021-22	3,367	860	26%	68	28	41%	15%
Students with Disabilities	2017-18	3,405	1,141	34%	60	32	53%	19%
	2021-22	3,367	1,174	35%	68	38	56%	21%
Native Hawaiian or Pacific Islander	2017-18	3,405	0	0%	60	0	0%	0%
	2021-22	3,367	0	0%	68	0	0%	0%
American Indian or Alaska Native	2017-18	3,405	21	1%	60	0	0%	-1%
	2021-22	3,367	17	1%	68	0	0%	-1%
Two or More Races	2017-18	3,405	201	6%	60	4	7%	1%
	2021-22	3,367	262	8%	68	3	4%	-4%
English Learners	2017-18	3,405	422	12%	60	5	8%	-4%
	2021-22	3,367	390	12%	68	5	7%	-5%
Asian	2017-18	3,405	200	6%	60	0	0%	-6%
	2021-22	3,367	191	6%	68	0	0%	-6%
Hispanic Or Latino	2017-18	3,405	473	14%	60	3	5%	-9%
	2021-22	3,367	511	15%	68	3	4%	-11%
Economically Disadvantaged	2017-18	3,405	2,508	74%	60	27	45%	-29%
	2021-22	3,367	2,514	75%	68	17	25%	-50%
White	2017-18	3,405	2,328	68%	60	8	13%	-55%
	2021-22	3,367	2,273	68%	68	1	1%	-67%

Comparison of Subgroup Rate of Occurance and Rate of Identification for TSI

Subgroup	Academic Year	All Schools With Index			Targeted Support and Improvement (TSI)			Difference in Pct Schools With Subgroup
		Count of Schools	Count of Schools With Subgroup	Pct Schools With Subgroup	Count of Schools	Count of Schools With Subgroup	Pct Schools With Subgroup	
Students with Disabilities	2017-18	3,405	1,141	34%	63	35	56%	22%
	2018-19	3,402	1,174	35%	63	35	56%	21%
	2021-22	3,367	1,174	35%	138	87	63%	28%
Black or African American	2017-18	3,405	865	25%	63	14	22%	-3%
	2018-19	3,402	848	25%	63	15	24%	-1%
	2021-22	3,367	860	26%	138	46	33%	7%
American Indian or Alaska Native	2017-18	3,405	21	1%	63	1	2%	1%
	2018-19	3,402	21	1%	63	1	2%	1%
	2021-22	3,367	17	1%	138	1	1%	0%
Native Hawaiian or Pacific Islander	2017-18	3,405	0	0%	63	0	0%	0%
	2018-19	3,402	0	0%	63	0	0%	0%
	2021-22	3,367	0	0%	138	0	0%	0%
Two or More Races	2017-18	3,405	201	6%	63	1	2%	-4%
	2018-19	3,402	224	7%	63	1	2%	-5%
	2021-22	3,367	262	8%	138	6	4%	-4%
Asian	2017-18	3,405	200	6%	63	1	2%	-4%
	2018-19	3,402	200	6%	63	0	0%	-6%
	2021-22	3,367	191	6%	138	0	0%	-6%
Hispanic Or Latino	2017-18	3,405	473	14%	63	2	3%	-11%
	2018-19	3,402	482	14%	63	1	2%	-12%
	2021-22	3,367	511	15%	138	7	5%	-10%
English Learners	2017-18	3,405	422	12%	63	0	0%	-12%
	2018-19	3,402	407	12%	63	0	0%	-12%
	2021-22	3,367	390	12%	138	0	0%	-12%
Economically Disadvantaged	2017-18	3,405	2,508	74%	63	18	29%	-45%
	2018-19	3,402	2,502	74%	63	24	38%	-36%
	2021-22	3,367	2,514	75%	138	49	36%	-39%
White	2017-18	3,405	2,328	68%	63	2	3%	-65%
	2018-19	3,402	2,307	68%	63	7	11%	-57%
	2021-22	3,367	2,273	68%	138	8	6%	-62%

School Index Overview by School Types

School Type	Count of Schools				Median Index Value			
	2016-17	2017-18	2018-19	2021-22	2016-17	2017-18	2018-19	2021-22
All Schools	3,435	3,405	3,402	3,367	72	70	70	62
Primary (K-2)	140	143	149	153	81	85	85	62
Elementary (K-5)*	1,090	1,080	1,088	1,082	82	81	80	70
Elementary (K-6)**	234	226	219	200	73	70	70	66
Middle (5-9)	472	459	461	443	67	63	68	61
High (8-12)	698	698	698	677	71	66	64	53
Elementary/Middle (K-9)	296	292	271	294	53	52	52	52
Elementary/Middle/High (K-12)	237	248	271	286	58	57	56	45
Middle/High (5-12)	258	250	243	232	46	42	46	51
Grades Served Not Reported	10	9	2		39	22	44	
Special Education Center	111	111	111	109	62	60	63	48
Small School (<30 FAY Students)	593	605	627	596	37	31	35	34
Virtual	53	120	121	237	32	29	30	27
Alternative Education	210	220	210	258	21	18	18	17
Charter	370	361	370	368	50	46	48	42
Traditional Public School - Peer of Charter***	1,337	1,331	1,236	1,217	69	66	67	57
Traditional Public School - Non-Peer of Charter	1,728	1,713	1,796	1,782	77	75	75	65

* Schools serving some portion of grades K-5, specifically including some portion of grades 3-5

**Schools serving some portion of grades K-6, specifically including grade 6 and some portion of grades 3-5

***TPS - Peer of Charter is defined as among the 30 closest traditional public schools to a charter school having at least 50% overlap in grades served by the charter school

Map of Support Categories - 2021-22
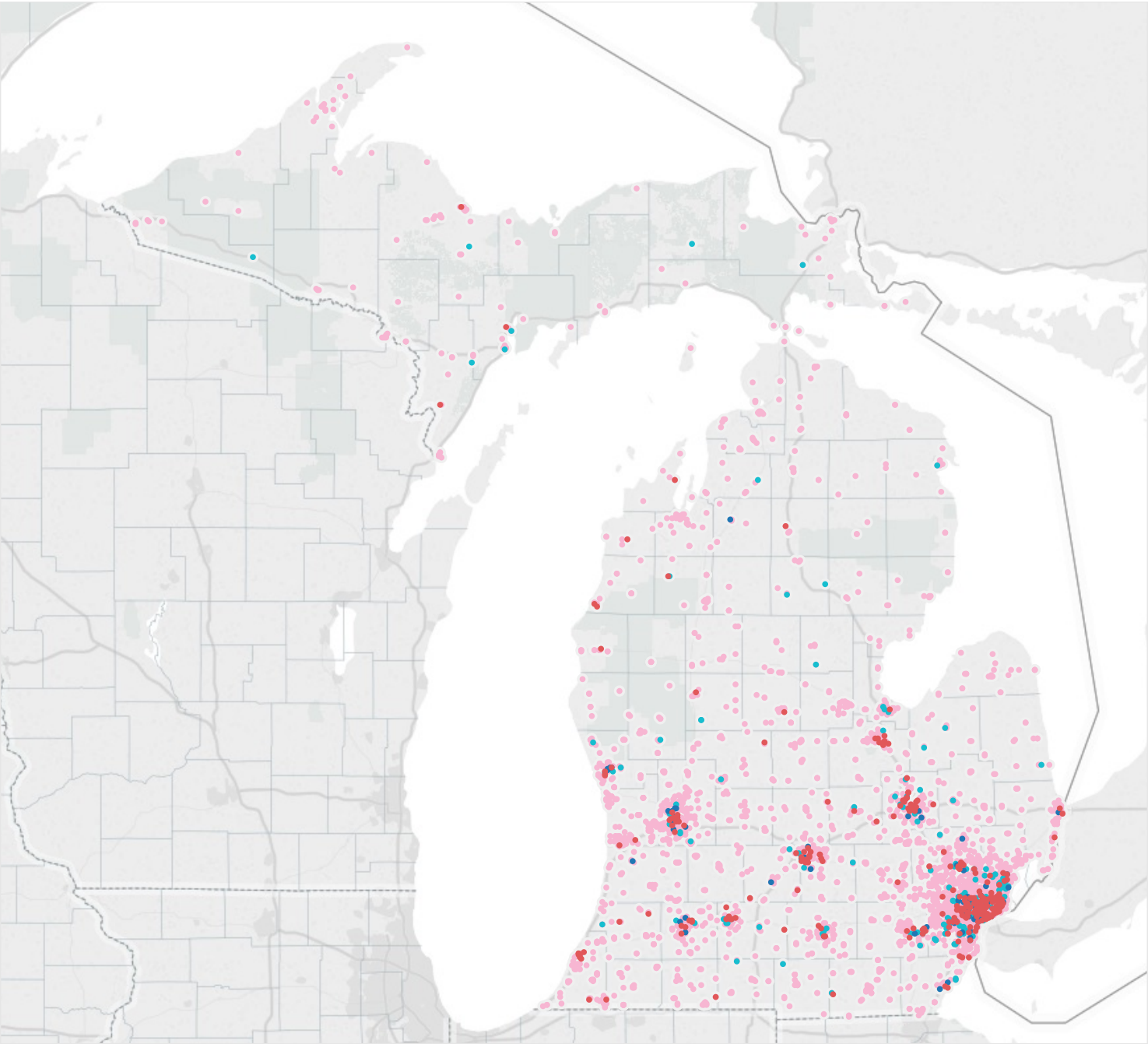
Support Cagegory

- CSI
- ATS
- TSI
- USS

CSI - Comprehensive Support and Improvment
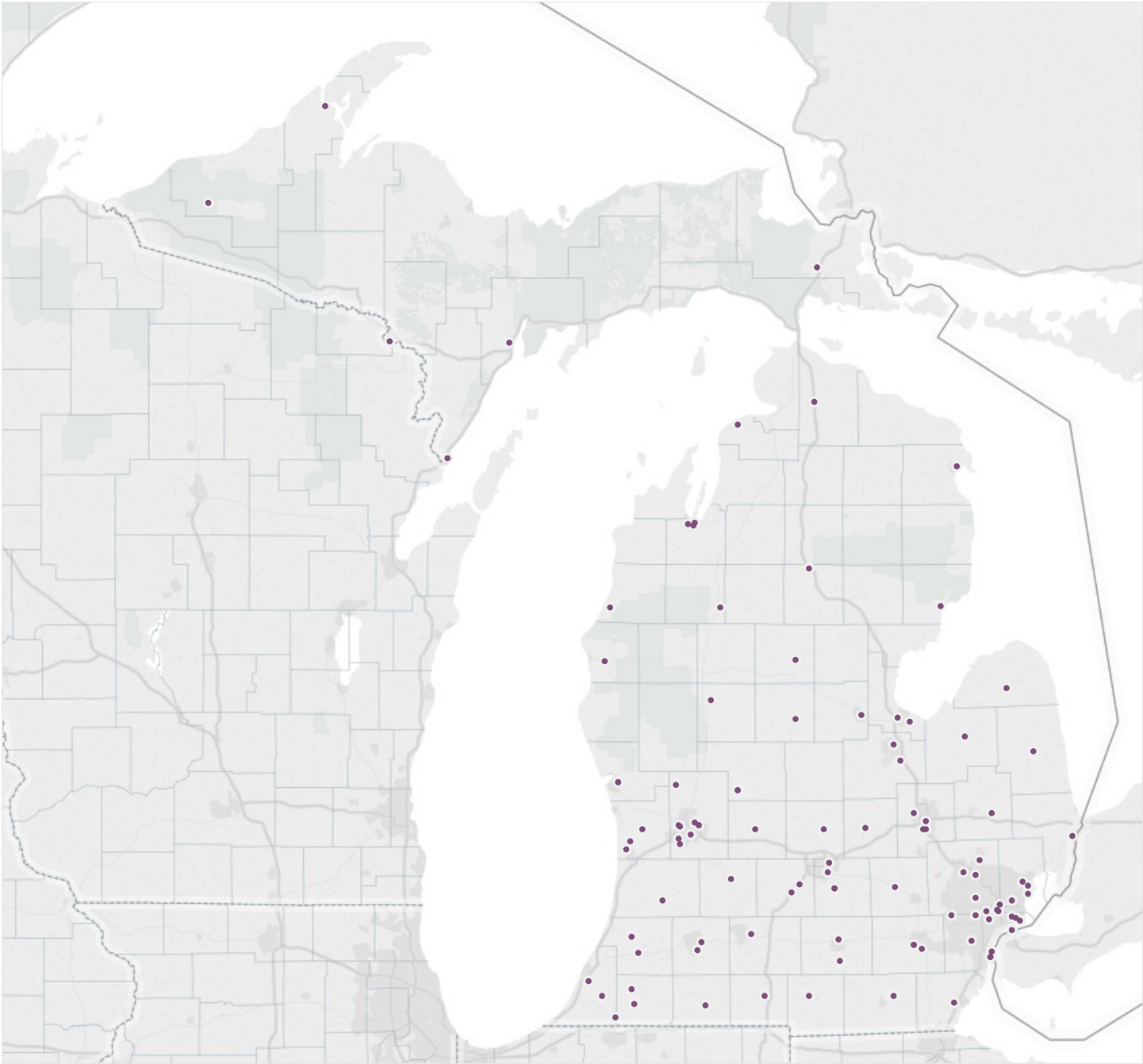
ATS - Additional Targeted Support

TSI - Targeted Support and Improvement
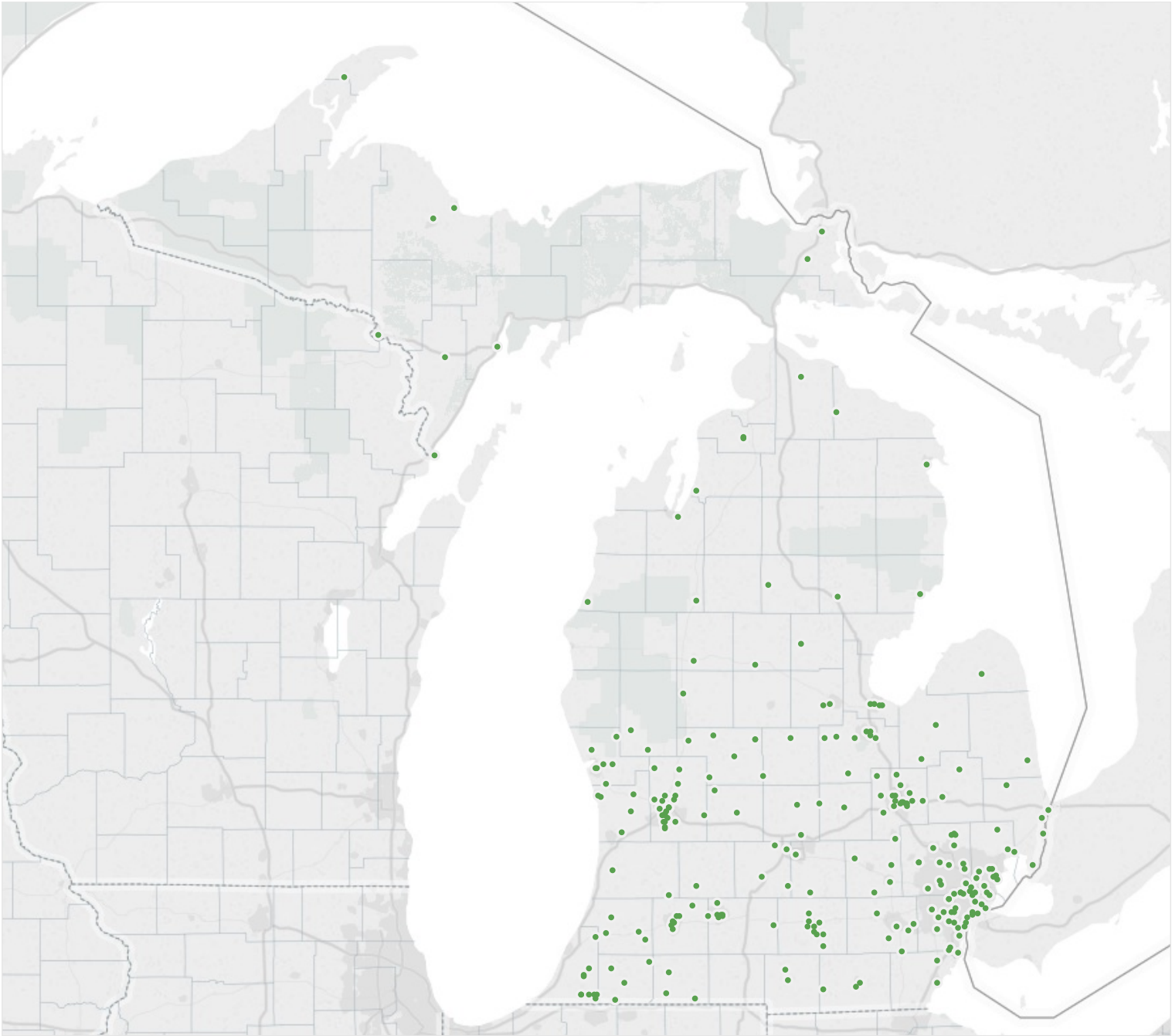
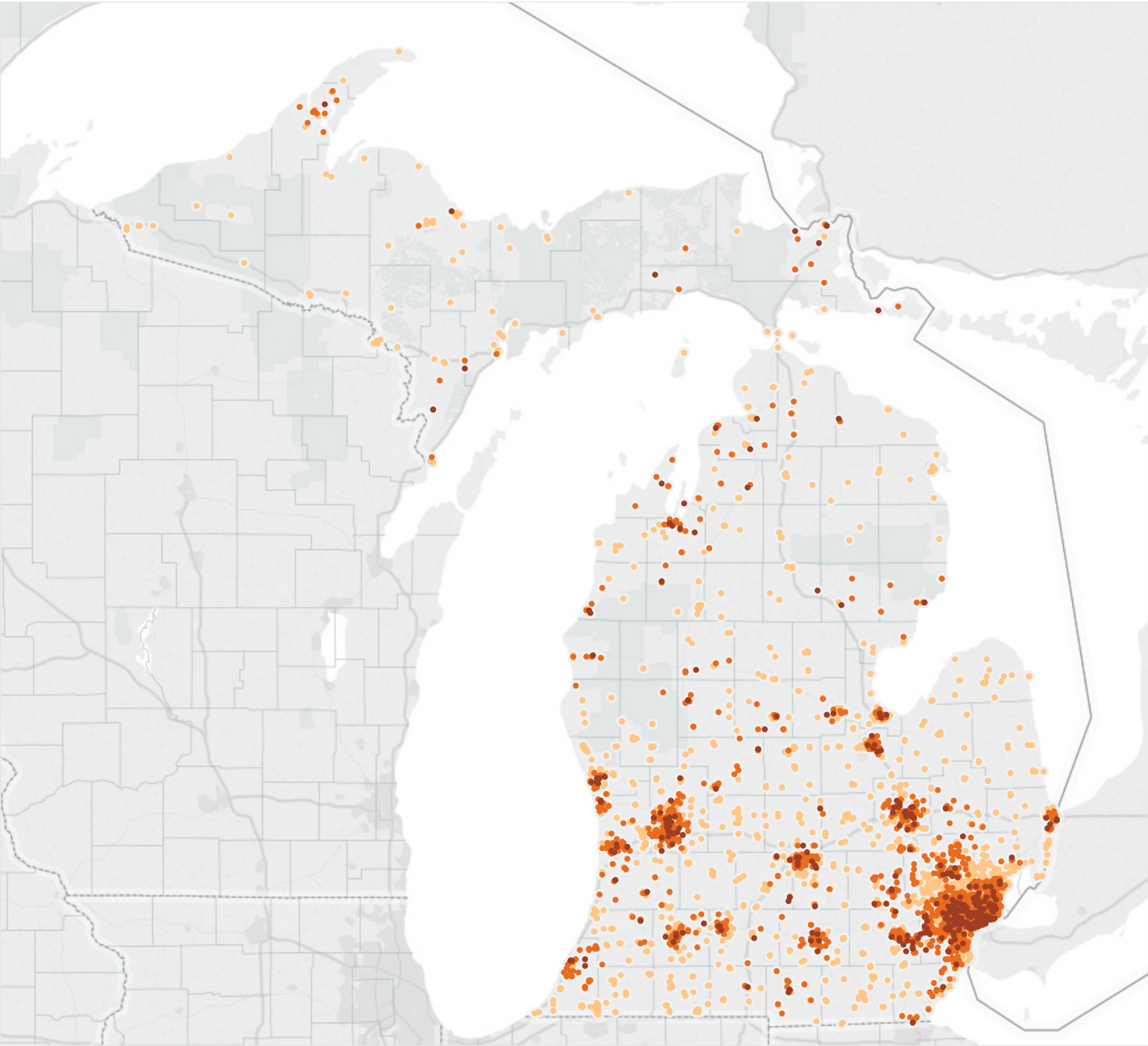**USS** - Universal School Support

Map of Special Education Centers - 2021-22

Map of Alternative Education Schools - 2021-22

Map of Charter Schools - 2021-22

CharterType
- Charter
- TPS - Peer of Charter
- TPS - Non-Peer of Charter

TPS - Traditional Public School

Map of Small Schools (<30 FAY Students) - 2021-22
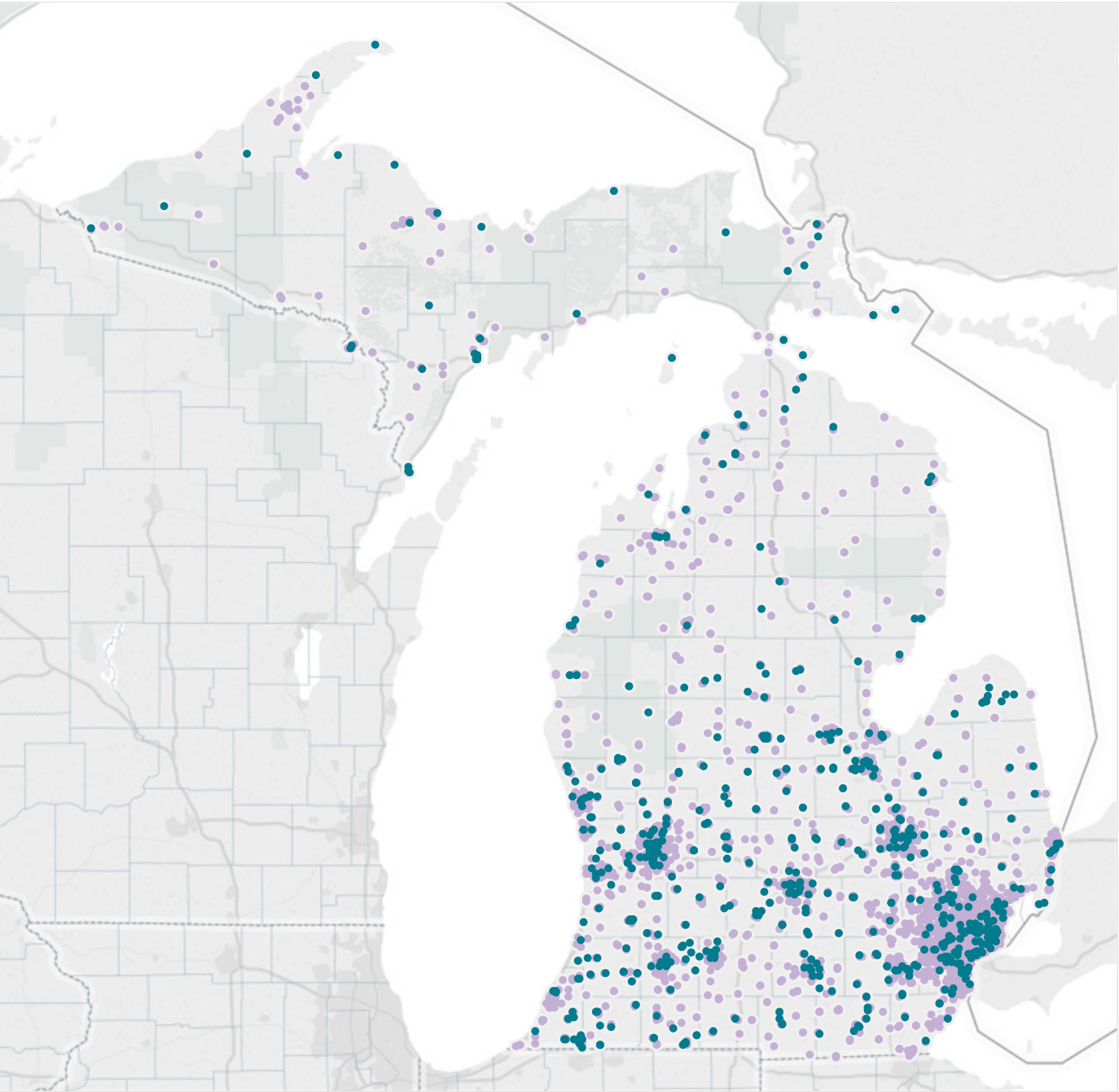
IsSmallSchool
- Small School (<30 FAY Students)
- 30 Plus FAY Students

Glossary

Topic	Term	Description
Accountability Systems	AYP	Adequate Yearly Progress. School accountability system under the federal No Child Left Behind (NCLB) Act of 2001.
	Top-to-Bottom	School accountability system under federal flexibility waivers from 2011-12 through 2015-16.
	School Index	School accountability system under federal Every Student Succeeds Act (ESSA) of 2015.
School Identifications	Met / Not Met AYP	The two identification categories under the AYP accountability system. • Met AYP – Schools that met all targets • Not Met AYP – Schools that did not meet all targets
	Priority, Focus, Reward	The three identification categories under the Top-to-Bottom accountability system. • Priority – schools with large unmet student needs schoolwide. • Focus – Schools with large differences in outcomes for their highest and lowest students. • Reward – Schools with high performance, high improvement, or outcomes higher than similar schools.
	CSI, ATS, TSI	The three support categories under the School Index Accountability system. • CSI (Comprehensive Support and Improvement) – schools with large unmet student needs schoolwide. • ATS (Additional Targeted Support) – schools with large unmet needs student subgroups. • TSI (Targeted Support and Improvement) – schools with moderate unmet needs student subgroups.
General Terms	FAY	Full Academic Year. Students enrolled at the school for Fall count day, Spring count day, and during the assessment window.
	ISD	Intermediate School District. A county, or multi-county, level agency that assists local school districts in providing programs and services.

Additional Resources

- **School Index reports** are publicly available at: www.mischooldata.org/school-index/.

- **More information and resources** on School Index are available at: www.mi.gov/mde-schoolindex.

- **Questions or comments** about School Index or the contents of this report may be directed to the Michigan Department of Education's School Accountability Unit by emailing mde-accountability@michigan.gov or by calling 877-560-8378 and choosing option 3.