

**Great Start Readiness Program
2016–2017 Risk Factor Data Report**

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**Prepared by
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2016–2017 Risk Factor Analysis

The Great Start Readiness Program (GSRP) uses a list of seven qualifying risk factors for enrollment into the program. Therefore, the maximum number of risk factors a child could experience is seven. Children below 250% of the Federal Poverty Line (FPL) are enrolled starting with the lowest household income quintile. A maximum of 10% of children can be enrolled from households above 250% of the FPL. Additionally, an Intermediate School District (ISD) that has not filled all slots and has only over-income children on its waiting list in mid-October may submit a written waiver request to serve additional over-income children. Two ISDs received approval to do so in 2016-17. For all over-income children, a sliding-scale tuition rate is calculated based on family income. All enrollment follows a prioritization process and the very last children enrolled, when there is space, may be over-income w/zero risk factors.

The information presented in Tables 1 through 6 describes the degree to which children enrolled in the GSRP during the 2016-2017 program year experienced any of the seven risk factors that made them eligible for the program. The report is based on a total of 39,048 cases downloaded from the Michigan Electronic Grants System (MEGS) and provided by the Michigan Department of Education.

Table 1 provides descriptive statistics for enrollment by service type. As indicated, fewer children were enrolled in the GSRP this year, compared to last year (39,048 vs. 39,401). This is because half (65.5%) attended the full school day, an increase of 0.4 percentage points compared to last year.

Table 1: GSRP 2016–2017 Enrollment by Service Type

Service Type	Overall Total	
	N	%
School-Day	25,581	65.5
Part-Day	5,683	14.6
GSRP/Head Start Blend	7,784	19.9
Total	39,048	100

Table 2 provides demographic information on the number and percentage of children in the GSRP, as well as the average number of risk factors across demographic categories and service type. As can be seen, on average, 2.16 risk factors are experienced across the various categories.

Table 2: Descriptive Statistics of GSRP 2016–2017 Children and Risk Factors (N=39,048)

	Number of Children	% of Children	Average Number of Risk Factors
Gender			
Male	19,966	51.1	2.19
Female	19,082	48.9	2.13
Ethnicity			
Hispanic/Latino	4,259	10.9	2.51
Non-Hispanic/Latino	34,789	89.1	2.12
Race			
American Indian/Alaska Native	387	1.0	2.58
Asian	692	1.8	2.35
Black/African American	11,542	29.6	2.18
Hawaiian/Pacific Islander	76	0.2	2.26
White	23,664	60.6	2.12
Multiracial	2,073	5.3	2.16
Parent Working Status			
Parent working	31,369	80.3	2.11
Parent not working	7,679	19.7	2.39
GSRP Service Type			
School-Day	25,581	65.5	2.17
Part-Day	5,683	14.6	1.94
GSRP/Head Start Blend	7,784	19.9	2.30
Total			2.16

Table 3 provides a description of the level of risk experienced by children. As indicated in the table, most of the children (68.8% of the population) experienced 1 or 2 risk factors. Additionally, 21.5% of the children experienced 3 risk factors.

Table 3: Number of Risk Factors for GSRP Children 2016–2017 (N=39,048)

Number of Risk Factors Reported	Number of Children	% of Children	Cumulative %
0	475	1.2	1.2
1	8,410	21.5	22.7
2	18,459	47.3	70.0
3	8,396	21.5	91.5
4–7	3,308	8.5	100.0

Table 4 provides a breakdown of the prevalence of each enrollment risk factor. The seven risk factors are listed in order of most to least prevalent. The most frequently reported risk factor was low family income, followed by environmental risk (94.3% and 60.9%, respectively).

Table 4: Risk Factor Prevalence 2016–2017 (N=39,048)

Risk Factor and Definition	Number of Children	% of Children
Low family income — Family income equal to or less than 250% of the federal poverty level (FPL).	36,817	94.3
Environmental risk — Parental loss due to death, divorce, incarceration, military service, or absence; sibling issues; teen parent (not age 20 when first child born); family is homeless or without stable housing; residence in a high-risk neighborhood (area of high poverty, high crime, with limited access to critical community services); or prenatal or postnatal exposure to toxic substances known to cause learning or developmental delays.	23,772	60.9
Parent(s) with low educational attainment — Parent has not graduated from high school or is illiterate.	7,442	19.1
Diagnosed disability or identified developmental delay — Child is eligible for special education services or child’s developmental progress is less than that expected for his/her chronological age, or chronic health issues cause development or learning problems.	6,186	15.8
Primary home language other than English — English is not spoken in the child’s home; English is not the child’s first language.	4,620	11.8
Abuse/neglect of child or parent — Domestic, sexual, or physical abuse of child or parent; child neglect issues; Child Protective Services report.	3,664	9.4
Severe or challenging behavior — Child has been expelled from preschool or child care center.	1,888	4.8

Table 5 reports risk factors by the GSRP income eligibility prioritization. Children with low family income were most often enrolled with an additional risk factor (48.8%). Children without income as a risk factor were most often enrolled with one other type of risk (51.2% and

46.8%, respectively). Children enrolled without any risk factors represent approximately 1% of the total enrollment (1.2%).

Table 5: Risk Factors by GSRP Eligibility Prioritization (N=39,048)

Risk of Low Income	Additional Risk Factors	N	% of Total	Cumulative %
Low family income - 250% FPL and below	With no other risk	7,308	19.9	
	With 1 additional risk	17,972	48.8	
	With 2 additional risks	8,266	22.5	
	With 2 or more additional risks	3,271	8.9	
	Subtotal	36,817	94.3	94.3
Without low family income risk - 251% to 300% FPL	With 0 risks	221	17.0	
	With 1 risk	667	51.2	
	With 2 risks	322	24.7	
	With 3 or more risks	92	7.1	
	Subtotal	1,302	3.3	97.6
Without low family income risk - 301% FPL and above	With 0 risks	254	27.3	
	With 1 risk	435	46.8	
	With 2 risks	165	17.8	
	With 3 or more risks	75	8.1	
	Subtotal	929	2.4	100.0

Note: Federal Poverty Level (FPL)

In Table 6, the prevalence of children from low family income households, as well as families in which parents were unavailable to provide child care due to employment is detailed by service type. Of particular interest is the percentage of children who are from low family income households and have a parent working. The total number of children who fell into this category in 2016-2017 was 29,236, or 74.9% of the total number of enrolled children.

Table 6: Low Family Income and Parent Working by Service Type 2016–2017

Service Type	Low Family Income	Parent Working	Low Family Income and Parent Working
School-Day	23,928 (93.5%)	21,189 (82.8%)	19,596 (75.2%)
Part-Day	5,215 (91.8%)	4,715 (83.0%)	4,273 (75.2%)
GSRP/Head Start Blend	7,674 (98.6%)	5,465 (70.2%)	5,367 (69.0%)
Total	36,817 (94.3%)	31,369 (80.3%)	29,236 (74.9%)

Note. Percentages by service type are based on the total number of cases for the corresponding service type (e.g., school-day, part-day).

Tables 1 through 6 describe characteristics of all children who enrolled in the GSRP. Every year, some children who enroll leave the program before the end of the year. This year, the overall GSRP dropout rate was 5.7%, an increase in the dropout rate of 0.5% as compared to last year. Table 7 provides information on the percentage of dropouts by child demographic statistics, service type, and risk factors for 2016–2017.

Table 7: Dropout Rate by Demographic Statistics, Service Type, and Risk Factors

	Total N	Dropout N	Dropout %
Gender			
Male	19,966	1,225	6.1
Female	19,082	1,017	5.3
Ethnicity			
Hispanic/Latino	4,259	242	5.7
Non-Hispanic/Latino	34,789	2,000	5.7
Race***			
American Indian/Alaska Native	387	15	3.9
Asian	692	38	5.5
Black/African American	11,542	875	7.6
Hawaiian/Pacific Islander	76	4	5.3
White	23,664	1,112	4.7
Multiracial	2,073	159	7.7
Parent Working Status***			
Parent working	31,369	1,494	4.8
Parent not working	7,679	748	9.7
GSRP Service Type***			
School-Day	25,581	1,367	5.3
Part-Day	5,683	272	4.8
GSRP/Head Start Blend	7,784	603	7.7
Risk Factor (compared to children without the risk)			
Low family income***	36,817	2,163	5.9 (3.0)
Diagnosed disability or identified developmental delay	6,186	339	5.5 (5.2)
Severe or challenging behavior**	1,888	138	7.3 (5.5)
Primary home language other than English	4,620	212	4.6 (5.4)
Parent(s) with low educational attainment**	7,442	510	6.9 (5.6)
Abuse/neglect of child or parent**	3,664	276	7.5 (5.7)
Environmental risk***	23,772	1,559	6.6 (4.7)
Number of Risk Factors***			
0	475	10	2.1
1	8,410	372	4.4
2	18,459	1,067	5.8
3	8,396	547	6.5
4–7	3,308	246	7.4
Overall	39,048	2,242	5.7

Note. * $p \leq .05$; ** $p \leq .01$; *** $p \leq .001$.

As Table 7 suggests, the following variables were related to the dropout rate:

- GSRP service type: GSRP/Head Start blended classes (families at 0-100% FPL) had the highest dropout rate (7.7%).
- Child race: Multiracial children had the highest dropout rate (7.7%), and American Indian/Alaska Native children had the lowest (3.9%).
- Parent(s) working: Children whose parent(s) did not work were more likely to drop out compared to those with a working parent(s) (9.7% vs. 4.8%).
- Gender: Boys had a slightly higher dropout rate than girls (6.1% vs. 5.3%).
- Number of risk factors: Children with 4-7 risk factors had the highest dropout rate (7.4%). Children with 3 risk factors had the second highest dropout rate (6.5%).
- Type of risk factors: Children with low family income, severe or challenging behavior, parent(s) with low educational attainment, abuse/neglect of child or parent, or environmental risk were more likely to drop out than were children without the same risk.

This report concludes with Table 8. In this last table, the total number of children in the data set for each Intermediate School District (ISD) is reported along with the percentages of those children who are male or female, Hispanic (ethnicity), and the percentages of children in each race category.

Table 8: Gender, Ethnicity, and Race for 2016–2017 GSRP by ISD

ISD Code	Agency	N	Male%	Fem%	Hisp%	NaAm%	Asian%	Black%	Haw%	White%	Multi%
3000	Allegan Area ESA	292	52.1	48.0	11.0	0.0	0.3	4.1	0.0	93.5	2.1
4000	Alpena-Montmorency-Alcona ESD	231	52.8	47.2	2.6	0.4	0.0	0.4	0.0	98.3	0.9
8000	Barry ISD	141	50.4	49.7	3.6	1.4	0.0	1.4	0.0	85.1	12.1
9000	Bay-Arenac ISD	528	48.9	51.1	10.8	0.6	0.4	4.7	0.0	85.0	9.3
11000	Berrien RESA	560	50.9	49.1	12.0	0.6	1.4	26.6	1.0	64.3	6.1
12000	Branch ISD	147	49.0	51.0	11.6	0.7	0.7	0.7	0.0	94.6	3
13000	Calhoun ISD	871	54.5	45.5	8.4	0.4	7.3	20.4	0.2	62.9	8.8
14000	Lewis Cass ISD	147	63.3	36.7	4.8	0.0	0.0	6.1	0.0	91.2	2.7
15000	Charlevoix-Emmet ISD	274	46.7	53.3	1.1	1.8	0.0	0.7	0.4	91.6	5.5
16000	Cheb-Otsego-Presque Isle ESD	206	48.5	51.5	2.4	1.0	0.0	0.5	0.5	96.6	1.5
17000	Eastern Upper Peninsula ISD	171	53.2	46.8	2.9	20.5	0.6	0.0	0.0	70.2	8.8
18000	Clare-Gladwin Regional ESD	291	49.8	50.2	3.4	0.0	0.0	0.0	0.0	98.6	1.4
19000	Clinton County RESA	232	55.2	44.8	7.8	0.0	1.3	1.7	0.0	92.7	4.3
21000	Delta-Schoolcraft ISD	119	52.1	47.9	2.5	8.4	0.0	1.7	0.0	81.5	8.4
22000	Dickinson-Iron ISD	76	56.6	43.4	2.6	1.3	0.0	0.0	0.0	96.1	2.6
23000	Eaton RESA	265	50.9	49.1	14.0	0.0	0.8	2.6	0.8	85.3	10.6
25000	Genesee ISD	2,279	50.7	49.3	5.2	0.1	0.6	41.8	0.1	51.2	6.2
27000	Gogebic-Ontonagon ISD	44	54.6	45.5	0.0	0.0	0.0	0.0	0.0	100.0	0.0
28000	Traverse Bay Area ISD	607	55.7	44.3	6.4	3.6	0.5	1.4	0.2	92.1	2.4
30000	Hillsdale ISD	277	47.3	52.7	4.3	1.1	0.4	1.5	1.1	94.1	1.8
31000	Copper Country ISD	123	54.5	45.5	2.4	2.4	0.8	0.8	0.8	85.4	9.8
32000	Huron ISD	115	55.7	44.4	0.9	0.0	0.0	1.7	0.0	98.3	0.0
33000	Ingham ISD	1,255	50.6	49.4	17.6	0.6	4.1	28.7	0.0	54.7	12.0
34000	Ionian ISD	283	51.2	48.8	11.0	0.0	1.2	1.6	0.0	93.3	3.9
35000	Iosco RESA	135	45.2	54.8	5.9	0.7	0.7	3.7	0.0	94.1	0.7
38000	Jackson ISD	749	50.2	49.8	6.5	0.0	0.5	13.8	0.0	73.8	11.9
39000	Kalamazoo RESA	1,386	50.5	49.5	10.5	0.4	2.2	32.7	0.2	53.3	11.2
41000	Kent ISD	3,487	50.4	49.6	29.6	4.5	3.9	25.8	0.1	55.0	10.7
44000	Lapeer ISD	221	46.2	53.9	13.1	0.0	0.0	1.0	0.5	98.0	0.5
46000	Lenawee ISD	324	45.7	54.3	18.8	0.6	0.3	4.3	0.0	90.7	4.0
47000	Livingston ESA	355	54.7	45.4	5.9	2.1	1.2	2.7	0.6	89.7	3.8
50000	Macomb ISD	2,204	51.8	48.2	3.1	0.2	5.9	35.9	0.2	53.6	4.2
52000	Marquette-Alger RESA	90	50.0	50.0	1.1	6.7	1.1	2.2	1.1	87.8	1.1
53000	West Shore ESD	324	50.6	49.4	21.9	1.3	0.7	4.0	0.3	92.1	1.7
54000	Mecosta-Oshtemo ISD	275	50.6	49.5	2.6	0.0	0.0	3.3	0.0	90.2	6.6
55000	Menominee ISD	105	46.7	53.3	1.0	1.0	0.0	1.9	0.0	95.2	1.9
56000	Midland County ESA	1,813	50.6	49.4	14.0	0.8	0.8	33.9	0.1	59.4	4.9
58000	Monroe ISD	427	52.0	48.0	7.3	0.2	0.7	5.4	0.2	87.4	6.1
59000	Montcalm Area ISD	410	45.4	54.6	2.0	0.2	0.2	0.5	0.0	98.3	0.7
61000	Muskegon Area ISD	993	52.0	48.0	6.0	0.3	0.3	24.7	0.1	70.4	4.2
62000	Newaygo County RESA	348	52.3	47.7	9.2	1.7	0.3	1.2	0.0	93.1	3.7
63000	Oakland Schools	3,361	50.9	49.2	10.5	0.8	2.5	42.8	0.2	50.1	3.6
70000	Ottawa Area ISD	864	52.1	47.9	26.6	0.4	3.0	2.8	0.2	82.7	10.9
72000	C.O.O.R. ISD	344	49.7	50.3	2.9	0.9	0.3	1.5	0.6	95.9	0.9
74000	St. Clair County RESA	523	55.3	44.7	6.5	0.0	0.0	6.1	0.0	82.8	11.1
75000	St. Joseph County ISD	417	55.4	44.6	14.2	2.4	0.2	4.8	0.0	87.1	5.5
76000	Sanilac ISD	246	55.7	44.3	2.0	0.0	0.0	1.2	0.4	97.6	0.8
78000	Shiawassee Regional ESD	388	52.8	47.2	3.4	0.5	0.3	0.5	0.0	97.2	1.6
79000	Tuscola ISD	282	52.5	47.5	6.4	0.4	0.0	0.4	0.0	98.6	0.7
80000	Van Buren ISD	343	50.2	49.9	35.3	0.0	0.0	2.9	0.0	92.7	4.4
81000	Washtenaw ISD	896	50.8	49.2	12.4	0.3	2.6	42.9	0.5	46.5	7.3
82000	Wayne RESA	7,859	50.9	49.1	8.2	0.3	1.0	62.5	0.3	34.1	1.8
83000	Wexford-Missaukee ISD	345	51.6	48.4	3.5	0.0	0.3	0.0	0.3	94.8	4.7