

Oregon Department of Education
Sampling Plan for Indicator 8: School-Age

Since 2005-06, the Oregon Department of Education has employed a sampling methodology in which districts were included in the parent survey every six years. To increase the meaningfulness of the parent survey, a new sampling plan has been developed whereby districts will participate in the parent survey process every three years instead of every six years. This allows for each district to receive results in a timely manner and to better determine if their improvement activities are impacting parent involvement. It also ensures the state results represent the state as a whole. No district in Oregon has an enrollment of more than 50,000 students.

A representative group of districts was chosen for each of the three survey years. First, districts were stratified by student enrollment, special education enrollment, race/ethnicity demographics, and socioeconomic level. Districts were then randomly assigned to one of the three survey years. Each of the three cohorts includes school districts of large, medium, small, and very small size. See Attachment A for a description of the districts chosen for the three survey years.

Each year, a sample of approximately 21,000 parents will be chosen. This large sample and the resulting response rate will allow for a very small margin of error at the state level. For each district, a stratified, representative group of parents will be selected to receive the parent survey. The number of parents chosen depends on the number of students with disabilities in the district, as indicated in the table below. The sample sizes selected ensure roughly similar margins of error across the different district sizes.

Part B School-Age

Special Ed Enrollment	Sample Size
<1,000	All
1,000-1499	1000
1500-1999	1250
2000-3499	1750
3500-4999	2500
5000+	3500

For those districts with more than 1,000 students, and thus for which a sample was chosen, the population was stratified by district, school, grade, race/ethnicity, primary disability, and gender in order to ensure representativeness of the sample.

When calculating the state-level results, responses will be weighted by the student population size (e.g., a district that has four times the number of students with disabilities as another district will receive four times the weight when computing overall state results).

Oregon Sampling Plan
School Age

Table 1: Number of Districts in each Survey Year

	Year 1	Year 2	Year 3
# Districts	67	66	66

Tables 2: Number of Districts By Size of District

	Year 1	Year 2	Year 3
Very Small	32	32	32
Small	20	21	20
Medium	9	8	8
Large	5	5	5
Other	1	0	1

Table 3: Number of Counties Represented in each Survey Year

	Year 1	Year 2	Year 3
# of Counties	29	30	30

Table 4: The Univariate Statistics of the Districts in each Survey Year

	Total Enrollment			Special Ed Enrollment			Percent Enrolled Students Who are Special Ed			Percent Special Ed Who are on Free/Reduced Lunch		
	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Minimum	3	3	4	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5th Percentile	8	26	11	1	2	1	5.9%	4.4%	6.8%	0.0%	0.0%	0.0%
10th Percentile	46	57	48	5	6	5	9.6%	9.7%	8.7%	0.0%	0.0%	0.0%
25th Percentile	224	233	229	33	33	33	11.5%	11.8%	11.3%	39.7%	42.5%	38.1%
Median	773	769	804	108	110	106	13.7%	13.0%	13.4%	57.1%	59.9%	56.1%
75th Percentile	2,880	3,068	2,905	432	430	430	16.0%	14.6%	15.3%	65.6%	66.5%	62.8%
90th Percentile	6,467	6,229	6,605	853	889	880	17.7%	16.2%	18.8%	74.6%	78.1%	72.4%
95th Percentile	10,991	12,718	12,180	1,530	1,400	1,397	20.0%	17.6%	21.1%	79.0%	80.0%	79.3%
Maximum	47,111	40,473	39,433	6,707	6,246	4,888	100.0%	66.7%	100.0%	80.5%	86.3%	92.9%

Table 5: The Univariate Statistics of the Districts in each Survey Year

	Percent Special Ed Who are Hispanic			Percent Special Ed Who are African American			Percent Special Ed Who are White		
	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Minimum	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5th Percentile	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	21.4%	30.0%
10th Percentile	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	43.3%	38.5%	39.4%
25th Percentile	6.4%	5.6%	3.6%	0.0%	0.0%	0.0%	64.5%	60.6%	63.2%
Median	11.5%	11.3%	9.8%	0.6%	0.1%	0.5%	76.2%	78.2%	81.2%
75th Percentile	18.9%	21.9%	16.7%	2.0%	1.0%	1.3%	84.2%	85.7%	86.9%
90th Percentile	38.2%	40.6%	33.7%	3.9%	2.5%	2.9%	88.6%	92.6%	92.3%
95th Percentile	50.0%	49.7%	40.0%	6.6%	2.8%	4.0%	90.5%	100.0%	100.0%
Maximum	100.0%	76.3%	65.4%	17.7%	12.0%	15.8%	100.0%	100.0%	100.0%

Oregon Department of Education
Sampling Plan for Indicator 8: Preschool

The Part B 619 program is administered through the EI/ECSE programs in the 36 counties in the state. Since 2005-06, the Oregon Department of Education has employed a sampling methodology in which counties were included in the parent survey every six years. To increase the meaningfulness of the parent survey, a new sampling plan has been developed, whereby counties will participate in the parent survey process every other year instead of every six years. This allows for each county to receive results in a timely manner and to better determine how improvement activities they implement are impacting parent involvement. It also ensures the state results are representative of the state as a whole. No county in Oregon has an enrollment of more than 50,000 students.

A representative group of counties was chosen for each of the two survey years. When assigning counties to the survey year, counties were stratified by special education enrollment, race/ethnicity demographics, and socioeconomic level. Counties were then randomly assigned to one of the two survey years. See Attachment A for a description of the counties chosen for each survey year. Note: the same counties will be sampled for Part B 619 and Part C.

Each year, a sample of approximately 2,300 parents will be chosen. This large sample and the resulting response rate will allow for a very small margin of error at the state level. For each county, a stratified, representative group of parents will be selected to receive the parent survey. The number of parents chosen is dependent on the number of students with disabilities in the county as indicated in the table below. The sample sizes selected ensure roughly similar margins of error across the different county sizes.

Part B Preschool

Special Ed Enrollment	Sample Size
<129	All
130-169	110
170-199	140
200-229	160
230-249	180
250-399	200
401-699	300
700-899	380
900-999	400
1,000+	600

For those counties that have more than 130 students, and thus for which a sample was chosen, the population was stratified by program, age, race/ethnicity, primary disability, and gender to ensure representativeness of the resulting sample.

When calculating the state-level results, responses will be weighted by the student population size (e.g., a county that has four times the number of students with disabilities as another county will receive four times the weight when computing overall state results).

Attachment A
Oregon Sampling Plan
Part C/Part B 619

The same counties are surveyed in a given year for both Part B 619 and Part C

Table 1: Number of Counties in each Survey Year

	Year 1	Year 2
# counties	18	18

Table 2: The Univariate Statistics of the Counties in each Survey Year

	Enrollment Part B 619		Enrollment Part C		Percent Special Ed Who are on Free/Reduced Lunch	
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
Minimum	4	0	0	0	36.70%	35.38%
5th Percentile	4	0	0	0	36.70%	35.38%
10th Percentile	6	6	1	0	40.14%	36.92%
25th Percentile	33	22	11	9	46.33%	53.90%
Median	80	70	27	36	56.41%	58.20%
75th Percentile	179	169	84	67	60.39%	64.07%
90th Percentile	840	738	398	314	66.10%	71.16%
95th Percentile	1,319	1,102	644	544	71.86%	80.96%
Maximum	1,319	1,102	644	544	71.86%	80.96%

Table 3: The Univariate Statistics of the Counties in each Survey Year

Part B 619	Percent Who are Hispanic		Percent Who are African American		Percent Who are White	
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
Minimum	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5th Percentile	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10th Percentile	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25th Percentile	0.00%	0.00%	0.00%	0.00%	55.26%	45.74%
Median	6.65%	15.67%	0.00%	0.00%	75.00%	76.18%
75th Percentile	25.00%	20.00%	0.00%	0.00%	96.67%	81.08%
90th Percentile	55.56%	54.55%	0.00%	2.74%	100.00%	92.86%
95th Percentile	57.69%	55.22%	13.51%	3.39%	100.00%	100.00%
Maximum	57.69%	55.22%	13.51%	3.39%	100.00%	100.00%

Table 4: The Univariate Statistics of the Counties in each Survey Year

Part C	Percent Who are Hispanic		Percent Who are African American		Percent Who are White	
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
Minimum	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5th Percentile	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10th Percentile	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25th Percentile	0.00%	0.00%	0.00%	0.00%	0.00%	55.70%
Median	0.00%	8.45%	0.00%	0.00%	67.25%	78.34%
75th Percentile	12.23%	25.45%	0.00%	0.00%	100.00%	93.33%
90th Percentile	37.50%	35.71%	0.00%	5.56%	100.00%	100.00%
95th Percentile	50.00%	50.00%	9.17%	5.71%	100.00%	100.00%
Maximum	50.00%	50.00%	9.17%	5.71%	100.00%	100.00%