

Oregon Department of Education
Sampling Plan for Indicator 4: Part C

The Part C 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 family 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 family engagement; 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 1,300 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 family survey. The number of parents chosen is dependent on the number of Part C children 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 C

Part C Enrollment	Sample Size
<129	All
130-169	110
170-199	140
200-229	160
230-249	180
250-299	200
300-499	250
500-599	300
600-899	400
900-999	500
1,000+	600

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

When calculating the state-level results, responses will be weighted by the Part C population size (e.g., a county that has four times the number of Part C children 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%