



School Characteristics		District Characteristics										Student Demographics										Average Level			Residuals											
District	School	Bldg	Type	Enrollment	Enrollment Rate	Discipline Rate	Dropout Rate	Advanced Placement	College/Technical	Non-Traditional	Per Pupil Funding	Female	Male	Hispanic	Black	White	Other	English Learner	Low Income	Homeless	Migrant	Special Education	Section 504	ELA	Math	Science	ELA	Math	Science	Score	Rank					
Highline	Evergreen High School	3099	P	1,569	83.3%	6.8%	23.8%	7.7	14.1	11,850.50	47%	53%	23%	12%	46%	4%	5%	79%	0%	0%	7%	1%	20%	2.82	1.80	1.84	0.33	0.02	-0.02	0.22	152					
Highline	Highline High School	3092	P	1,142	81.6%	5.3%	17.9%	7.7	14.1	11,850.50	47%	53%	23%	12%	46%	4%	5%	79%	0%	0%	7%	1%	20%	2.68	1.94	1.88	0.19	0.09	-0.12	0.00	203					
Highline	Mount Rainier High School	3279	P	1,635	87.0%	1.1%	1.0%	7.7	14.1	11,850.50	48%	52%	14%	12%	31%	3%	8%	30%	0%	0%	4%	56%	0%	7%	4%	1%	2%	0.12	0.00	0.08	0.19	163				
Highline	New Start	1972	A	89	38.9%	18.2%	10.0%	7.7	14.1	11,850.50	49%	51%	1%	7%	10%	49%	0%	1%	1%	1%	1%	1%	1%	1%	2.09			0.17			0.17	168				
Highline	Puget Sound High School	5172	P	678	94.0%	6.7%	10.0%	7.7	14.1	11,850.50	48%	52%	0%	4%	68%	0%	3%	21%	0%	0%	0%	0%	0%	1%	1%	1%	1.64	1.54	-0.06	-0.48	488					
Highline	Rainierbeaumont High School	3553	A	421	80.7%	2.8%	18.2%	7.7	14.1	11,850.50	49%	51%	1%	17%	19%	41%	0%	3%	35%	0%	9%	83%	0%	9%	1%	1%	1%	1%	1%	1%	1%	1%	309			
Highline	Rockwood High School	3584	P	656	94.0%	1.5%	14.2%	7.7	14.1	11,850.50	49%	51%	0%	4%	68%	0%	3%	21%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	482				
Highline	Hoquiam High School	3622	P	472	87.7%	6.0%	5.3%	3.8	16.0	15,247.50	44%	56%	5%	1%	16%	0%	5%	72%	2%	1%	8%	88%	2%	3%	1%	1%	1%	1%	1%	1%	1%	1%	289			
Highline	Hoquiam Homeless High School	3191	P	91	33.3%			3.8	16.0	15,247.50	47%	53%	0%	1%	18%	0%	5%	78%	1%	2%	7%	0%	29%	8%	18%	2%	1%	1%	1%	1%	1%	1%	454			
Highline	Isacelum High School	4568	P	477	88.9%	16.9%		3.8	10.0	12,313.50	47%	53%	28%	0%	19%	0%	4%	77%	8%	0%	19%	73%	4%	38%	1%	1%	1%	1%	1%	1%	1%	1%	289			
Highline	Gibson EK High School	5437	P	144	76.2%	5.3%		1.7	15.8	14,555.50	33%	67%	1%	1%	9%	0%	3%	76%	1%	1%	8%	0%	1%	5%	22%	2%	1%	1%	1%	1%	1%	1%	289			
Highline	Isaquah High School	5440	P	2,442	91.6%	2.7%	36.8%	1.7	15.8	14,555.50	51%	49%	0%	26%	7%	7%	57%	3%	0%	1%	9%	0%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	278			
Highline	Isaquah High School	3952	P	1,442	92.3%	1.3%	38.3%	1.7	15.8	14,555.50	48%	52%	0%	2%	11%	0%	6%	88%	3%	0%	1%	12%	0%	2%	1%	1%	1%	1%	1%	1%	1%	1%	457			
Highline	Skyline High School	3445	P	2,184	93.4%		1.0%	1.7	15.8	14,555.50	47%	53%	0%	35%	1%	7%	5%	5%	2%	0%	5%	0%	0%	2%	9%	1%	1%	1%	1%	1%	1%	1%	289			
Highline	Kahlotus Elen & High	3219	P	49				0.9	4.5	4,893.91	59%	41%	0%	0%	24%	0%	4%	71%	0%	0%	2%	76%	0%	0%	6%	12%	2%	0.01	-0.26	0.36	121					
Highline	Kalama High School	5345	P	305	87.0%	3.1%	10.3%	3.8	18.8	13,654.10	42%	58%	0%	0%	19%	0%	4%	77%	8%	0%	19%	73%	4%	38%	1%	1%	1%	1%	1%	1%	1%	1%	347			
Highline	Kelso High School	5294	P	1,561	91.4%	6.6%	8.4%	2.8	14.3	13,641.40	48%	52%	2%	1%	17%	1%	7%	72%	4%	1%	3%	5%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289			
Highline	Kelso Virtual Academy	5116	P	15			10.0%	2.8	14.3	13,641.40	47%	53%	0%	0%	20%	7%	0%	73%	0%	0%	0%	0%	0%	0%	20%	20%	0%	0%	0%	0%	0%	0%	289			
Highline	Kennecook High School	1934	P	209	18.2%	18.4%		2.8	14.3	13,641.40	42%	58%	0%	0%	19%	0%	4%	77%	8%	0%	19%	73%	4%	38%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289		
Highline	Kennecook High School	2731	P	1,781	85.3%	6.5%	20.6%	3.0	15.8	13,666.47	47%	53%	1%	2%	26%	0%	3%	26%	0%	1%	37%	9%	0%	5%	3%	1%	1%	1%	1%	1%	1%	1%	1%	289		
Highline	Kennecook High School	3826	P	1,699	87.9%	8.6%	1.0%	3.0	15.8	13,666.47	48%	52%	1%	3%	4%	50%	0%	4%	38%	13%	0%	2%	70%	22%	0%	5%	3%	1%	1%	1%	1%	1%	1%	289		
Highline	Legacy High School	1884	P	203	10.0%			3.0	15.8	13,666.47	50%	50%	0%	0%	2%	41%	0%	4%	50%	5%	1%	7%	55%	1%	55%	4%	1%	1%	1%	1%	1%	1%	1%	289		
Highline	Microban Parent Partnership	1941	A	335	82.4%		10.0%	3.0	15.8	13,666.47	48%	52%	0%	1%	13%	3%	3%	80%	0%	0%	1%	1%	7%	6%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289		
Highline	Phoenix High School	5106	A	57	33.3%	22.2%		3.0	15.8	13,666.47	37%	63%	0%	2%	3%	3%	0%	63%	5%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	218		
Highline	Southern High School	5140	P	1,700	84.7%	3.4%	19.7%	4.5	15.8	14,989.50	48%	52%	0%	0%	32%	0%	1%	48%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	West Mountain View Academy	3014	A	259	14.4%		10.0%	4.5	15.8	14,989.50	49%	51%	0%	23%	12%	9%	0%	45%	4%	0%	34%	0%	0%	3%	13%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Phoenix Academy	5088	A	200	49.0%	8.5%	1.0%	4.5	15.8	14,989.50	52%	48%	1%	0%	18%	26%	3%	12%	3%	0%	4%	56%	0%	32%	17%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289
Highline	Kent Phoenix Academy	4449	P	1,158	82.3%	6.5%	23.0%	4.5	15.8	14,989.50	48%	52%	0%	10%	18%	1%	9%	52%	8%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,601	87.0%	3.2%	21.4%	4.5	15.8	14,989.50	49%	51%	0%	29%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	2088	P	2,105	88.6%	2.8%	30.2%	4.5	15.8	14,989.50	50%	50%	0%	29%	10%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,526	92.4%	2.4%	26.7%	4.5	15.8	14,989.50	47%	53%	1%	24%	9%	18%	2%	8%	37%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,601	87.0%	3.2%	21.4%	4.5	15.8	14,989.50	49%	51%	0%	29%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	2088	P	2,105	88.6%	2.8%	30.2%	4.5	15.8	14,989.50	50%	50%	0%	29%	10%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,526	92.4%	2.4%	26.7%	4.5	15.8	14,989.50	47%	53%	1%	24%	9%	18%	2%	8%	37%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,601	87.0%	3.2%	21.4%	4.5	15.8	14,989.50	49%	51%	0%	29%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	2088	P	2,105	88.6%	2.8%	30.2%	4.5	15.8	14,989.50	50%	50%	0%	29%	10%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,526	92.4%	2.4%	26.7%	4.5	15.8	14,989.50	47%	53%	1%	24%	9%	18%	2%	8%	37%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,601	87.0%	3.2%	21.4%	4.5	15.8	14,989.50	49%	51%	0%	29%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	2088	P	2,105	88.6%	2.8%	30.2%	4.5	15.8	14,989.50	50%	50%	0%	29%	10%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,526	92.4%	2.4%	26.7%	4.5	15.8	14,989.50	47%	53%	1%	24%	9%	18%	2%	8%	37%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	3450	P	1,601	87.0%	3.2%	21.4%	4.5	15.8	14,989.50	49%	51%	0%	29%	13%	2%	10%	3%	8%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	289	
Highline	Kent Meridian High School	2088	P	2,105	88.6%	2.8%	30.2%	4.5	15.8	14,989.50	50%	50%	0%	29%	10%	13%	2%	10%	3%	8%	0%															



District	School	Bldg	School Characteristics				District Characteristics				Student Demographics														Average Level			Residuals			Score	Rank				
			Type	Enrollment	Graduation Rate	Discipline Rate	Dual Credit	Percentage of Students with Advanced Placement	Student/Teacher Ratio	Per-Pupil Funding	Female	Male	Native American	Asian	Black	Hispanic	Pacific Islander	Two or More	White	ELL	Foster	Homeless	Low Income	Migrant	Military	Mobile	Section 504	Unlabeled	ELA	Math			Science	ELA	Math	Science
Warden	Warden High School	3273	P	251	89.8%	2.6%	10.0%	3.6	14.0	\$ 14,999	51%	49%	0%	0%	1%	76%	0%	2%	22%	18%	0%	11%	78%	27%	0%	5%	2%	16%	2.66	2.02	2.14	0.25	0.24	0.26	0.74	42
Washougal	Washougal High School	3147	P	1,049	88.9%	1.5%	9.3%	3.0	15.1	\$ 14,162	48%	52%	1%	2%	1%	11%	0%	7%	79%	1%	0%	2%	36%	0%	1%	10%	6%	14%	2.94	2.27	2.30	0.04	-0.02	-0.24	-0.21	349
Washougal	Washougal Elementary/High School	3075	P	57				2.4	5.3	\$ 44,196	42%	58%	0%	0%	0%	7%	0%	4%	89%	0%	0%	0%	74%	0%	0%	9%	0%	9%	2.56	2.03	2.04	0.05	0.07	0.36	0.50	75
Waterloo	Waterloo High School	2162	P	154		14.4%	10.0%	1.3	13.2	\$ 17,693	48%	52%	3%	1%	0%	27%	0%	3%	67%	6%	0%	4%	54%	7%	0%	5%	0%	21%	2.51	2.10	2.08	-0.20	-0.02	-0.23	-0.45	412
Wellpinit	Wellpinit High School	2550	P	83	90.0%		11.0%	6.7	12.7	\$ 23,196	49%	52%	66%	0%	0%	10%	0%	19%	5%	28%	0%	14%	88%	7%	0%	10%	0%	14%	2.65	1.55		0.80	-0.19		0.30	138
Wenatchee	Wenatchee High School	2134	P	2,090	84.5%	4.3%	16.1%	3.5	14.6	\$ 14,434	49%	51%	0%	1%	0%	47%	0%	3%	49%	16%	1%	4%	55%	18%	1%	3%	2%	12%	2.78	2.12	2.02	0.04	0.00	-0.16	-0.15	304
Wenatchee	Westside High School	1613	A	265	42.5%	4.1%	1.0%	3.5	14.6	\$ 14,434	46%	54%	1%	0%	0%	41%	0%	3%	55%	14%	1%	9%	61%	6%	0%	21%	6%	8%	2.41	2.10	2.00	0.02		-0.09	-0.07	292
West Valley (Yakima)	West Valley High School	3074	P	1,188	83.3%	6.0%	6.3%	2.9	17.3	\$ 13,377	49%	52%	1%	2%	1%	28%	0%	2%	65%	6%	1%	1%	40%	1%	1%	6%	3%	9%	2.87	2.18	2.30	-0.05	-0.13	-0.17	-0.35	387
West Valley (Yakima)	WEST VALLEY VIRTUAL ACADEMY 9-12	5596	P	101	5.3%			2.9	17.3	\$ 13,377	49%	51%	1%	3%	0%	20%	1%	3%	69%	1%	0%	1%	15%	0%	2%	32%	2%	0%	3.60	3.15		0.98	0.47	1.33	9	
White Pass	White Pass Jr. Sr. High School	2859	P	212	75.6%	8.7%	19.5%	5.7	15.5	\$ 17,852	47%	53%	1%	0%	0%	6%	0%	2%	90%	0%	1%	16%	62%	0%	0%	7%	2%	17%	2.47	2.10	2.35	-0.08	0.08	0.22	0.21	154
White River	White River High School	4569	P	1,210	93.3%	6.7%		4.4	16.5	\$ 13,800	47%	53%	1%	2%	1%	10%	0%	5%	62%	2%	0%	2%	29%	0%	0%	3%	5%	14%	3.09	2.37	2.47	0.04	-0.10	-0.12	-0.16	333
White Salmon Valley	Columbia High School	2330	P	379	92.1%	9.3%		4.6	18.4	\$ 13,681	48%	52%	1%	1%	0%	35%	0%	2%	61%	11%	1%	3%	42%	3%	1%	3%	6%	15%	2.70	2.10	2.16	-0.18	-0.11	-0.21	-0.50	428
White Salmon Valley	White Salmon Academy	5077	A	19	75.0%			4.6	18.4	\$ 13,681	32%	68%	0%	0%	0%	47%	0%	5%	47%	21%	0%	16%	68%	5%	0%	21%	16%	16%						0.00	223	
Wilbur	Wilbur Secondary School	3289	P	139		3.3%	10.0%	1.3	11.6	\$ 16,510	55%	45%	11%	0%	0%	9%	1%	9%	70%	0%	0%	1%	48%	3%	1%	6%	1%	18%	2.82	2.45	2.60	-0.08	0.22	0.18	0.33	129
Willapa Valley	Willapa Valley Middle-High	2542	P	199			10.0%	0.6	16.0	\$ 13,362	49%	52%	0%	1%	0%	14%	0%	6%	80%	1%	2%	1%	44%	0%	0%	6%	4%	16%	2.78	2.69	2.47	-0.08	0.42	0.01	0.33	127
Wilson Creek	Wilson Creek High	2473	P	77			10.0%	6.5	11.1	\$ 21,474	52%	48%	1%	0%	3%	12%	0%	5%	78%	1%	0%	1%	66%	0%	0%	10%	1%	10%	2.54	2.19	2.52	-0.10	0.18	0.25	0.33	125
Winlock	Winlock Senior High	3597	P	173			10.0%	3.4	16.0	\$ 15,109	43%	57%	1%	1%	0%	27%	0%	8%	63%	9%	0%	7%	91%	14%	2%	5%	5%	21%	2.72	1.79	2.44	0.46	0.06	0.50	1.04	21
Winlock	Winlock Learning Academy	1829	A	21	66.7%			3.4	16.0	\$ 15,109	43%	57%	0%	0%	0%	14%	0%	10%	76%	0%	0%	29%	55%	0%	0%	14%	0%	29%						0.00	223	
Wishkah Valley	Wishkah Valley Elementary/High School	3375	P	147		7.8%		3.9	8.7	\$ 25,950	55%	45%	0%	0%	1%	4%	2%	0%	93%	0%	1%	1%	57%	0%	2%	4%	6%	15%	2.37	1.99	2.33	-0.45	0.02	0.05	-0.38	394
Wishtam	Wishtam High And Elementary Schi	2600	P	71	41.0%	5.6%	10.0%	2.7	7.5	\$ 33,497	31%	69%	13%	0%	0%	6%	0%	11%	70%	0%	3%	7%	79%	6%	0%	8%	3%	17%	2.46	2.08	2.11	0.17	0.17	-0.01	0.33	126
Woodland	Woodland Alternative School	1796	A	75				2.9	16.3	\$ 15,262	49%	51%	1%	0%	4%	5%	0%	1%	88%	1%	0%	8%	57%	0%	4%	25%	9%	11%	1.93	1.53	2.28	-0.51	-0.18	0.03	-0.66	459
Woodland	Woodland High School	1594	P	746	87.5%	6.0%	16.3%	2.9	16.3	\$ 15,262	45%	55%	0%	1%	1%	10%	0%	4%	75%	3%	0%	5%	46%	0%	1%	6%	3%	16%	2.99	2.47		0.21	0.26		0.47	85
Yakima	Davis High School	2116	P	2,450	84.4%	5.2%	1.0%	9.1	18.2	\$ 14,407	51%	49%	1%	1%	0%	85%	0%	2%	11%	25%	0%	1%	77%	12%	0%	5%	3%	10%	2.47	1.79	2.07	-0.03	0.00	0.11	0.07	194
Yakima	Eisenhower High School	3206	P	2,044	77.6%	10.8%	10.1%	9.1	16.2	\$ 14,407	50%	50%	1%	1%	0%	72%	0%	3%	24%	23%	1%	3%	74%	10%	1%	9%	3%	12%	2.47	1.69	1.97	0.02	-0.08	-0.02	-0.08	294
Yakima	Stanton Academy	4093	A	268	14.6%	17.7%	1.0%	9.1	16.2	\$ 14,407	50%	50%	4%	0%	1%	73%	0%	6%	16%	25%	2%	13%	51%	23%	0%	45%	7%	7%	2.07	1.49		0.35		-0.19	0.16	173
Yakima	Yakima Online	5153	A	69	34.8%	2.1%		9.1	18.2	\$ 14,407	41%	36%	1%	0%	0%	62%	0%	6%	30%	6%	1%	3%	67%	7%	1%	26%	10%	6%	2.81	1.65	2.34	0.31	0.02	0.14	0.47	87
Yakima	Yakima Satellite Alternative Programs	5224	A	12				9.1	16.2	\$ 14,407	42%	58%	0%	0%	0%	25%	0%	8%	67%	0%	17%	0%	75%	0%	0%	25%	0%	33%						0.00	223	
Yelm	Yelm Extension School	1627	A	126	29.3%			3.7	15.6	\$ 13,686	54%	46%	0%	1%	2%	10%	0%	8%	70%	2%	1%	2%	52%	2%	5%	44%	6%	4%	2.05	1.86					0.00	223
Yelm	Yelm High School 12	2633	P	1,625	92.1%	8.3%	25.4%	3.7	15.6	\$ 13,686	49%	51%	1%	1%	1%	15%	1%	10%	70%	2%	0%	1%	39%	1%	4%	8%	5%	14%	2.93	2.02	2.15	0.03	-0.24	-0.31	-0.52	433
Zillah	Zillah High School	2240	P	456	91.3%	3.8%	1.0%	3.0	15.7	\$ 13,171	41%	39%	4%	0%	0%	48%	0%	4%	44%	7%	0%	4%	52%	7%	1%	4%	2%	8%	2.70	1.82	2.45	-0.04	-0.40	0.16	-0.29	371
	<b>Median</b>			327	82.4%	4.8%	12.5%	3.5	15.1	14,696	49%	51%	1%	1%	1%	14%	0%	6%	67%	4%	0%	3%	69%	0%	0%	6%	5%	13%	2.21	2.15	2.35	0.02	-0.01	-0.01		
	<b>Average</b>			677	77.1%	6.3%	17.6%	3.9	14.9	16,031	48%	52%	3%	5%	4%	21%	1%	7%	60%	7%	1%	5%	50%	3%	1%	11%	6%	15%	2.79	2.24	2.36	0.00	0.00	0.00		
	<b>Standard Deviation</b>							2.3	2.4	4,316	8%	8%	9%	8%	8%	20%	2%	6%	24%	9%	3%	6%	23%	6%	3%	14%	5%	11%	0.44	0.44	0.44	0.25	0.25	0.28		

## Demographic Regression Analysis

### English Language Arts

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.300	
Female	0.958	418.50
Male	0.829	419.45
Native American	0.491	131.53
Asian	0.792	132.04
Black	0.727	59.64
Hispanic	0.566	640.42
Pacific Islander	0.264	5.70
2 or More	0.853	36.90
White	0.518	963.98
ELL	0.013	3.53
Foster	0.329	1.35
Homeless	0.014	1.84
Low-Income	0.000	3.49
Migrant	0.429	2.74
Military	0.244	1.20
Mobile	0.000	1.27
Section 504	0.103	1.33
Disabled	0.000	1.35

#### Round 2

Term	P-Value	VIF
Constant	0.376	
Female	0.944	418.22
Male	0.816	419.15
Native American	0.685	1.76
Asian	0.001	1.81
Black	0.111	1.93
Hispanic	0.407	4.59
Pacific Islander	0.290	1.69
2 or More	0.041	1.74
ELL	0.014	3.53
Foster	0.332	1.35
Homeless	0.013	1.84
Low-Income	0.000	3.49
Migrant	0.420	2.74
Military	0.236	1.20
Mobile	0.000	1.26
Section 504	0.114	1.32
Disabled	0.000	1.35

10-fold R-sq 64.00%

#### Round 3

Term	P-Value	VIF
Constant	0.000	
Female	0.002	1.16
Native American	0.688	1.76
Asian	0.001	1.81
Black	0.107	1.92
Hispanic	0.405	4.59
Pacific Islander	0.287	1.68
2 or More	0.041	1.74
ELL	0.013	3.51
Foster	0.337	1.35
Homeless	0.013	1.84
Low-Income	0.000	3.48
Migrant	0.418	2.74
Military	0.231	1.20
Mobile	0.000	1.26
Section 504	0.114	1.32
Disabled	0.000	1.33

10-fold R-sq 64.16%

#### Stepwise Regression

Term	P-Value	VIF	Coef
Constant	0.000		3.07
Female	0.001	1.12	0.85
Asian	0.000	1.27	0.769
ELL	0.013	1.76	-0.439
Homeless	0.012	1.55	-0.719
Low-Income	0.000	2.29	-1.0076
Mobile	0.000	1.22	-1.392
Disabled	0.002	1.20	-0.506

10-fold R-sq 65.46%

#### Regression Equation

$$\text{ELA} = 3.070 + 0.850 \text{ Female} + 0.769 \text{ Asian} - 0.439 \text{ ELL} - 0.719 \text{ Homeless} - 1.0076 \text{ Low-Income} - 1.392 \text{ Mobile} - 0.506 \text{ Disabled}$$

### Math

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.077	
Female	0.244	455.60
Male	0.278	455.96
Native American	0.425	94.88
Asian	0.775	139.77
Black	0.382	54.71
Hispanic	0.515	600.06
Pacific Islander	0.002	5.31
2 or More	0.928	33.78
White	0.504	903.98
ELL	0.030	3.79
Foster	0.982	1.18
Homeless	0.089	1.65
Low-Income	0.000	3.52
Migrant	0.902	2.69
Military	0.852	1.24
Mobile	0.000	1.19
Section 504	0.004	1.35
Disabled	0.000	1.32

#### Round 2

Term	P-Value	VIF
Constant	0.098	
Female	0.233	454.85
Male	0.265	455.14
Native American	0.311	1.70
Asian	0.000	1.91
Black	0.262	2.09
Hispanic	0.877	4.83
Pacific Islander	0.000	1.71
2 or More	0.002	1.87
ELL	0.033	3.77
Foster	0.967	1.18
Homeless	0.082	1.64
Low-Income	0.000	3.52
Migrant	0.903	2.69
Military	0.851	1.24
Mobile	0.000	1.19
Section 504	0.003	1.35
Disabled	0.000	1.31

10-fold R-sq 65.20%

#### Round 3

Term	P-Value	VIF
Constant	0.000	
Female	0.109	1.11
Native American	0.316	1.70
Asian	0.000	1.90
Black	0.292	2.09
Hispanic	0.866	4.83
Pacific Islander	0.000	1.71
2 or More	0.002	1.87
ELL	0.028	3.76
Foster	0.980	1.18
Homeless	0.082	1.64
Low-Income	0.000	3.52
Migrant	0.913	2.69
Military	0.800	1.24
Mobile	0.000	1.19
Section 504	0.003	1.35
Disabled	0.000	1.31

10-fold R-sq 65.36%

#### Stepwise Regression

Term	P-Value	VIF	Coef
Constant	0.000		2.912
Asian	0.000	1.41	1.518
Pacific Islander	0.000	1.30	-5.249
2 or More	0.003	1.35	1.027
ELL	0.002	1.85	-0.636
Low-Income	0.000	2.12	-1.0337
Mobile	0.000	1.09	-1.724
Section 504	0.000	1.27	-1.16
Disabled	0.000	1.20	-0.741

10-fold R-sq 66.18%

#### Regression Equation

$$\text{Math} = 2.9120 + 1.518 \text{ Asian} - 5.249 \text{ Pacific Islander} + 1.027 \text{ 2 or More} - 0.636 \text{ ELL} - 1.0337 \text{ Low-Income} - 1.724 \text{ Mobile} - 1.160 \text{ Section 504} - 0.741 \text{ Disabled}$$

### Science

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.164	
Female	0.403	526.98
Male	0.413	526.65
Native American	0.562	77.89
Asian	0.823	119.82
Black	0.313	52.78
Hispanic	0.514	542.85
Pacific Islander	0.010	5.14
2 or More	0.610	29.69
White	0.554	799.80
ELL	0.003	3.53
Foster	0.074	1.29
Homeless	0.001	1.77
Low-Income	0.000	3.50
Migrant	0.983	2.66
Military	0.843	1.21
Mobile	0.058	1.40
Section 504	0.622	1.34
Disabled	0.097	1.43

#### Round 2

Term	P-Value	VIF
Constant	0.197	
Female	0.395	526.70
Male	0.405	526.35
Native American	0.963	1.55
Asian	0.000	1.88
Black	0.026	1.95
Hispanic	0.476	4.36
Pacific Islander	0.000	1.66
2 or More	0.784	1.66
ELL	0.003	3.53
Foster	0.073	1.29
Homeless	0.001	1.77
Low-Income	0.000	3.50
Migrant	0.987	2.66
Military	0.833	1.21
Mobile	0.060	1.40
Section 504	0.660	1.33
Disabled	0.093	1.42

10-fold R-sq 54.52%

#### Round 3

Term	P-Value	VIF
Constant	0.000	
Female	0.669	1.08
Native American	0.962	1.55
Asian	0.000	1.88
Black	0.027	1.95
Hispanic	0.467	4.36
Pacific Islander	0.000	1.66
2 or More	0.787	1.66
ELL	0.003	3.52
Foster	0.069	1.29
Homeless	0.001	1.77
Low-Income	0.000	3.49
Migrant	0.993	2.65
Military	0.802	1.20
Mobile	0.052	1.39
Section 504	0.676	1.33
Disabled	0.070	1.40

10-fold R-sq 56.83%

#### Stepwise Regression

Term	P-Value	VIF	Coef
Constant	0.000		2.84
Asian	0.000	1.69	1.503
Black	0.022	1.69	-0.708
Pacific Islander	0.000	1.32	-4.29
ELL	0.000	1.69	-1.027
Homeless	0.000	1.33	-1.27
Low-Income	0.000	2.27	-0.7977

10-fold R-sq 56.84%

#### Regression Equation

$$\text{Science} = 2.8400 + 1.503 \text{ Asian} - 0.708 \text{ Black} - 4.29 \text{ Pacific Islander} - 1.027 \text{ ELL} - 1.270 \text{ Homeless} - 0.7977 \text{ Low-Income}$$

## Full Regression Analysis

### English Language Arts

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.030	
Type	0.009	5.45
Enrollment	0.801	2.25
Graduation Rate	0.010	5.97
Discipline Rate	0.004	1.93
Dual Credit	0.854	1.84
Average Unexcused	0.025	1.81
Student-Teacher Rat	0.735	1.92
Per-Pupil Funding	0.092	2.85
Female	0.088	402.64
Male	0.085	404.27
Native American	0.634	37.59
Asian	0.812	108.19
Black	0.651	77.74
Hispanic	0.643	728.66
Pacific Islander	0.521	7.53
2 or More	0.897	28.38
White	0.580	937.04
ELL	0.041	8.99
Foster	0.392	1.52
Homeless	0.089	2.42
Low-Income	0.000	7.93
Migrant	0.458	3.54
Military	0.016	1.59
Mobile	0.579	5.24
Section 504	0.038	1.73
Disabled	0.006	1.57

Term	P-Value	VIF
Constant	0.035	
Type	0.009	5.44
Enrollment	0.736	2.20
Graduation Rate	0.010	5.97
Discipline Rate	0.005	1.93
Dual Credit	0.891	1.82
Average Unexcused	0.023	1.81
Student-Teacher Rat	0.809	1.85
Per-Pupil Funding	0.072	2.78
Female	0.084	402.26
Male	0.081	403.83
Native American	0.802	2.24
Asian	0.064	2.99
Black	0.685	3.69
Hispanic	0.501	12.11
Pacific Islander	0.743	2.38
2 or More	0.034	2.69
ELL	0.042	8.98
Foster	0.406	1.52
Homeless	0.084	2.41
Low-Income	0.000	7.89
Migrant	0.446	3.53
Military	0.016	1.59
Mobile	0.545	5.20
Section 504	0.041	1.72
Disabled	0.006	1.57

Term	P-Value	VIF
Constant	0.000	
Type	0.008	5.44
Enrollment	0.735	2.20
Graduation Rate	0.010	5.96
Discipline Rate	0.005	1.93
Dual Credit	0.846	1.82
Average Unexcused	0.013	1.78
Student-Teacher Rat	0.945	1.83
Per-Pupil Funding	0.043	2.73
Female	0.817	1.28
Male	0.734	2.23
Native American	0.054	2.98
Asian	0.646	3.69
Black	0.422	12.04
Hispanic	0.727	2.38
Pacific Islander	0.024	2.68
2 or More	0.040	8.98
ELL	0.306	1.50
Homeless	0.087	2.41
Low-Income	0.000	7.80
Migrant	0.451	3.53
Military	0.009	1.57
Mobile	0.464	5.18
Section 504	0.049	1.72
Disabled	0.010	1.56

Term	P-Value	VIF
Constant	0.000	
Type	0.011	5.35
Enrollment	0.846	2.16
Graduation Rate	0.007	5.92
Discipline Rate	0.005	1.93
Dual Credit	0.819	1.82
Average Unexcused	0.017	1.75
Student-Teacher Rat	0.889	1.72
Per-Pupil Funding	0.040	2.73
Female	0.693	1.23
Male	0.914	1.59
Native American	0.069	2.89
Asian	0.798	3.43
Black	0.627	2.32
Pacific Islander	0.023	2.68
2 or More	0.035	4.45
ELL	0.339	1.49
Foster	0.051	2.28
Homeless	0.000	6.69
Low-Income	0.209	2.80
Migrant	0.011	1.53
Military	0.408	5.11
Mobile	0.045	1.72
Section 504	0.006	1.53
Disabled		

Term	P-Value	VIF	Coef
Constant	0.000		3.329
Type	0.001	3.62	-0.2735
Enrollment	0.010	3.61	0.445
Graduation Rate	0.005	1.55	-1.051
Discipline Rate	0.000	1.16	0.682
ELL	0.005	2.61	-0.646
Low-Income	0.000	3.73	-0.891
Section 504	0.006	1.44	1.013
Disabled	0.002	1.28	-0.848

Term	P-Value	VIF
Constant	0.000	
Type	0.011	5.35
Enrollment	0.846	2.16
Graduation Rate	0.007	5.92
Discipline Rate	0.005	1.93
Dual Credit	0.819	1.82
Average Unexcused	0.017	1.75
Student-Teacher Rat	0.889	1.72
Per-Pupil Funding	0.040	2.73
Female	0.693	1.23
Male	0.914	1.59
Native American	0.069	2.89
Asian	0.798	3.43
Black	0.627	2.32
Pacific Islander	0.023	2.68
2 or More	0.035	4.45
ELL	0.339	1.49
Foster	0.051	2.28
Homeless	0.000	6.69
Low-Income	0.209	2.80
Migrant	0.011	1.53
Military	0.408	5.11
Mobile	0.045	1.72
Section 504	0.006	1.53
Disabled		

Term	P-Value	VIF	Coef
Constant	0.000		3.329
Type	0.001	3.62	-0.2735
Enrollment	0.010	3.61	0.445
Graduation Rate	0.005	1.55	-1.051
Discipline Rate	0.000	1.16	0.682
ELL	0.005	2.61	-0.646
Low-Income	0.000	3.73	-0.891
Section 504	0.006	1.44	1.013
Disabled	0.002	1.28	-0.848

Term	P-Value	VIF	Coef
Constant	0.000		3.329
Type	0.001	3.62	-0.2735
Enrollment	0.010	3.61	0.445
Graduation Rate	0.005	1.55	-1.051
Discipline Rate	0.000	1.16	0.682
ELL	0.005	2.61	-0.646
Low-Income	0.000	3.73	-0.891
Section 504	0.006	1.44	1.013
Disabled	0.002	1.28	-0.848

### Math

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.022	
Type	0.030	3.15
Enrollment	0.907	2.08
Graduation Rate	0.680	3.10
Discipline Rate	0.494	1.79
Dual Credit	0.266	1.84
Average Unexcused	0.000	1.72
Student-Teacher Rat	0.530	2.00
Per-Pupil Funding	0.544	2.92
Female	0.080	295.12
Male	0.090	295.63
Native American	0.135	18.52
Asian	0.489	112.62
Black	0.355	77.47
Hispanic	0.254	705.12
Pacific Islander	0.007	7.66
2 or More	0.617	28.67
White	0.234	908.58
ELL	0.226	9.26
Foster	0.517	1.38
Homeless	0.734	2.11
Low-Income	0.000	8.18
Migrant	0.586	3.81
Military	0.184	1.63
Mobile	0.399	4.26
Section 504	0.269	1.74
Disabled	0.002	2.11

Term	P-Value	VIF
Constant	0.033	
Type	0.025	3.14
Enrollment	0.776	2.04
Graduation Rate	0.681	3.10
Discipline Rate	0.496	1.79
Dual Credit	0.226	1.83
Average Unexcused	0.000	1.72
Student-Teacher Rat	0.656	1.95
Per-Pupil Funding	0.425	2.85
Female	0.069	294.23
Male	0.076	294.78
Native American	0.261	20.3
Asian	0.004	3.08
Black	0.287	3.80
Hispanic	0.772	12.52
Pacific Islander	0.003	2.43
2 or More	0.046	2.83
ELL	0.235	9.26
Foster	0.448	1.37
Homeless	0.622	2.07
Low-Income	0.000	8.13
Migrant	0.559	3.81
Military	0.180	1.63
Mobile	0.411	4.26
Section 504	0.293	1.74
Disabled	0.003	2.10

Term	P-Value	VIF
Constant	0.000	
Type	0.028	3.14
Enrollment	0.792	2.04
Graduation Rate	0.704	3.10
Discipline Rate	0.565	1.78
Dual Credit	0.236	1.83
Average Unexcused	0.000	1.70
Student-Teacher Rat	0.782	1.93
Per-Pupil Funding	0.320	2.82
Female	0.326	1.21
Male	0.296	2.02
Native American	0.003	3.07
Asian	0.003	3.01
Black	0.276	3.80
Hispanic	0.691	12.47
Pacific Islander	0.002	2.43
2 or More	0.037	2.82
ELL	0.248	9.25
Foster	0.582	1.35
Homeless	0.667	2.07
Low-Income	0.000	7.96
Migrant	0.554	3.81
Military	0.126	1.61
Mobile	0.481	4.24
Section 504	0.332	1.73
Disabled	0.004	2.10

Term	P-Value	VIF
Constant	0.003	
Type	0.027	3.13
Enrollment	0.758	2.02
Graduation Rate	0.701	3.10
Discipline Rate	0.562	1.78
Dual Credit	0.236	1.83
Average Unexcused	0.000	1.66
Student-Teacher Rat	0.860	1.79
Per-Pupil Funding	0.311	2.81
Female	0.352	1.18
Male	0.198	1.59
Native American	0.003	3.01
Asian	0.003	3.40
Black	0.002	2.34
Pacific Islander	0.035	2.81
2 or More	0.220	4.75
ELL	0.558	1.34
Foster	0.583	1.94
Homeless	0.000	7.01
Low-Income	0.369	2.91
Migrant	0.137	1.57
Military	0.526	4.03
Mobile	0.329	1.73
Section 504	0.003	2.05
Disabled		

Term	P-Value	VIF	Coef
Constant	0.000		3.3632
Type	0.000	1.15	-0.3877
Enrollment	0.000	1.31	-0.02757
Average Unexcused	0.000	1.24	1.28
Pacific Islander	0.000	1.65	-4.115
2 or More	0.011	1.60	1.116
Low-Income	0.000	1.84	-1.1758
Disabled	0.000	1.45	-1.558

Term	P-Value	VIF
Constant	0.000	
Type	0.027	3.13
Enrollment	0.758	2.02
Graduation Rate	0.701	3.10
Discipline Rate	0.562	1.78
Dual Credit	0.236	1.83
Average Unexcused	0.000	1.66
Student-Teacher Rat	0.860	1.79
Per-Pupil Funding	0.311	2.81
Female	0.352	1.18
Male	0.198	1.59
Native American	0.003	3.01
Asian	0.003	3.40
Black	0.002	2.34
Pacific Islander	0.035	2.81
2 or More	0.220	4.75
ELL	0.558	1.34
Foster	0.583	1.94
Homeless	0.000	7.01
Low-Income	0.369	2.91
Migrant	0.137	1.57
Military	0.526	4.03
Mobile	0.329	1.73
Section 504	0.003	2.05
Disabled		

Term	P-Value	VIF	Coef
Constant	0.000		3.3632
Type	0.000	1.15	-0.3877
Enrollment	0.000	1.31	-0.02757
Average Unexcused	0.000	1.24	1.28
Pacific Islander	0.000	1.65	-4.115
2 or More	0.011	1.60	1.116
Low-Income	0.000	1.84	-1.1758
Disabled	0.000	1.45	-1.558

### Science

#### Multicollinearity Reduction

Term	P-Value	VIF
Constant	0.426	
Type	0.046	4.43
Enrollment	0.595	2.16
Graduation Rate	0.406	4.97
Discipline Rate	0.242	1.86
Dual Credit	0.198	1.79
Average Unexcused	0.018	1.78
Student-Teacher Rat	0.232	1.91
Per-Pupil Funding	0.020	2.88
Female	0.661	443.45
Male	0.653	444.13
Native American	0.559	37.88
Asian	0.759	108.65
Black	0.328	74.81
Hispanic	0.522	728.26
Pacific Islander	0.028	7.39
2 or More	0.746	28.08
White	0.480	917.07
ELL	0.063	9.06
Foster	0.797	1.50
Homeless	0.626	2.44
Low-Income	0.002	8.33
Migrant	0.799	3.58
Military	0.347	1.60
Mobile	0.409	4.52
Section 504	0.344	1.67
Disabled	0.793	1.86

Term	P-Value	VIF
Constant	0.486	
Type	0.043	4.42
Enrollment	0.663	2.12
Graduation Rate	0.408	