

Figure A-6.19: Raw score distributions for PSAT/NMSQT and PSAT 10 Form 1

Figure A-6.19.1: Reading Test raw score distribution

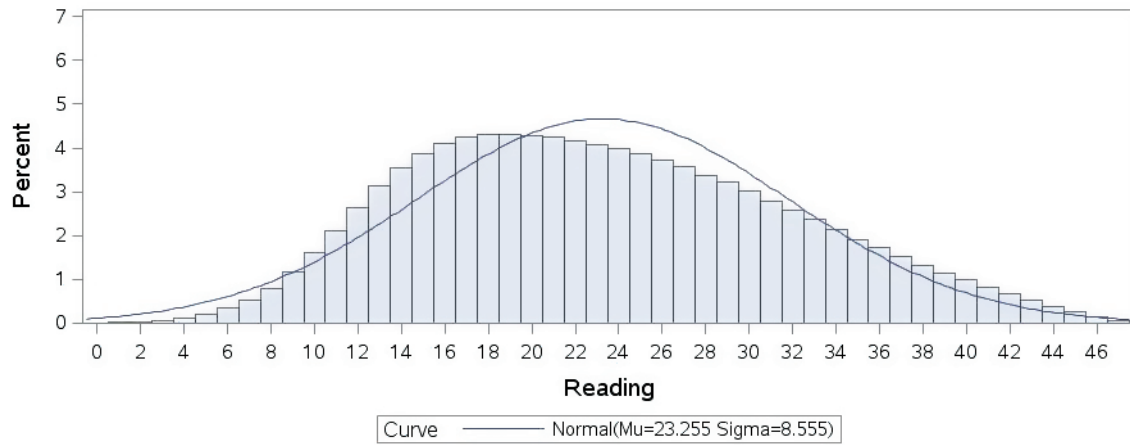


Figure A-6.19.2: Writing and Language Test raw score distribution

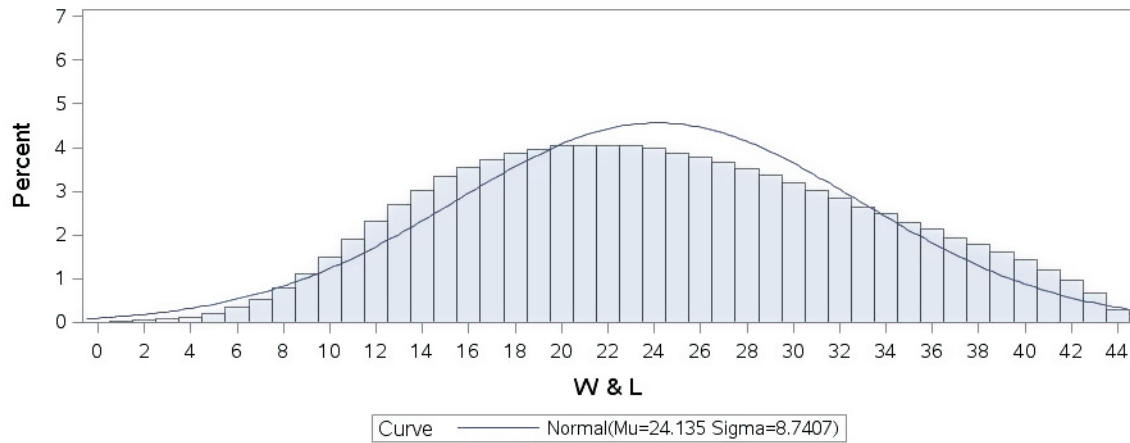


Figure A-6.19.3: Math Test raw score distribution

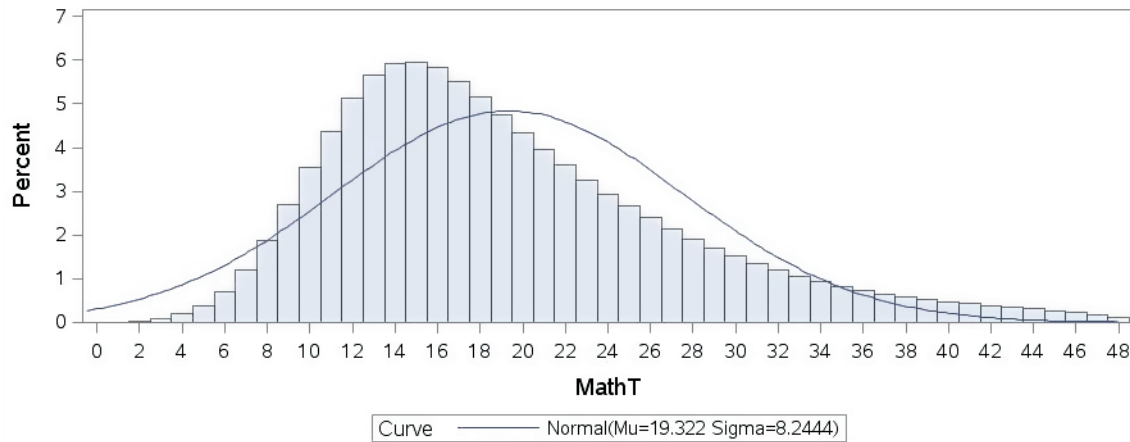


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Figure A-6.19 continued from previous page

Figure A-6.19.4: Analysis in History and Social Science raw score distribution

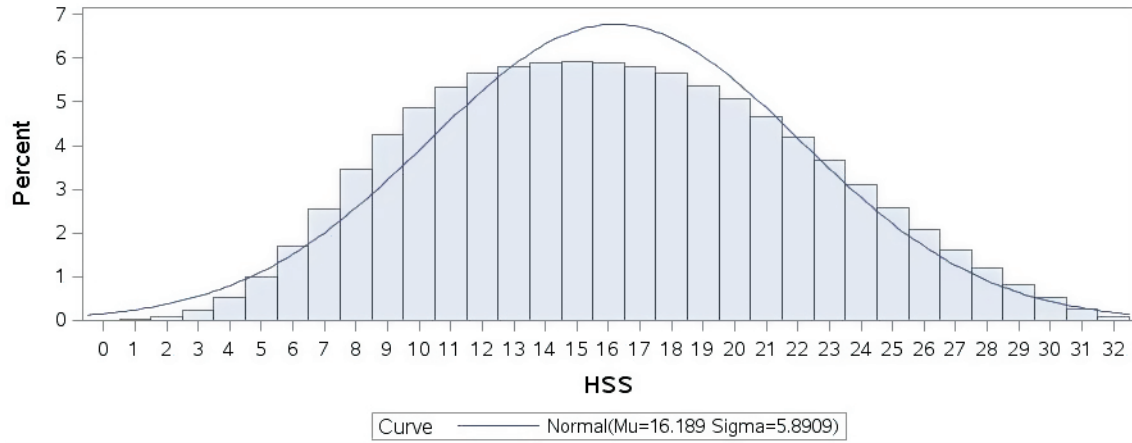


Figure A-6.19.5: Analysis in Science raw score distribution

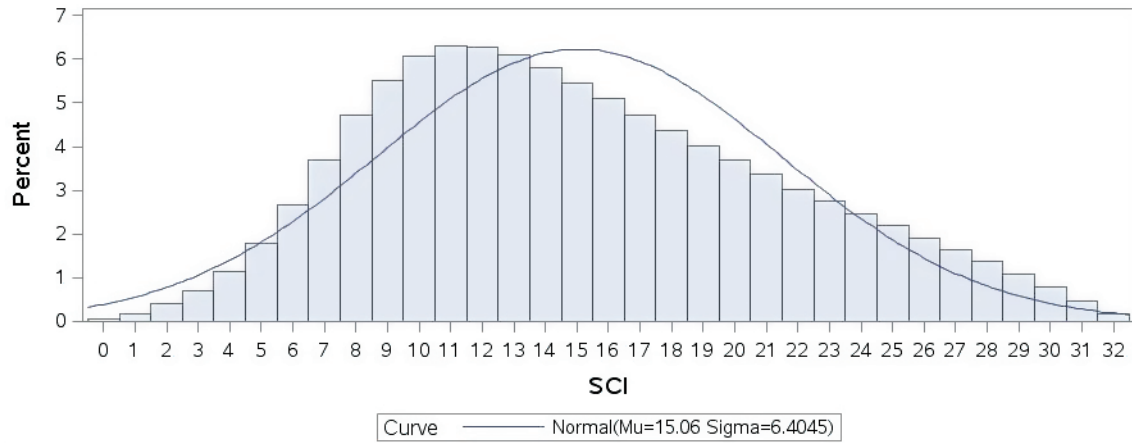


Figure A-6.19.6: Command of Evidence raw score distribution

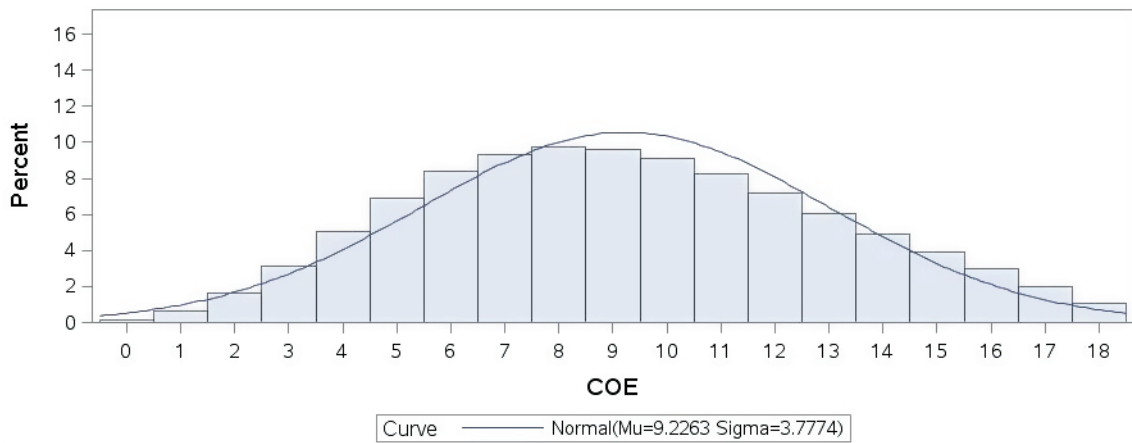


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Figure A-6.19.7: Words in Context raw score distribution

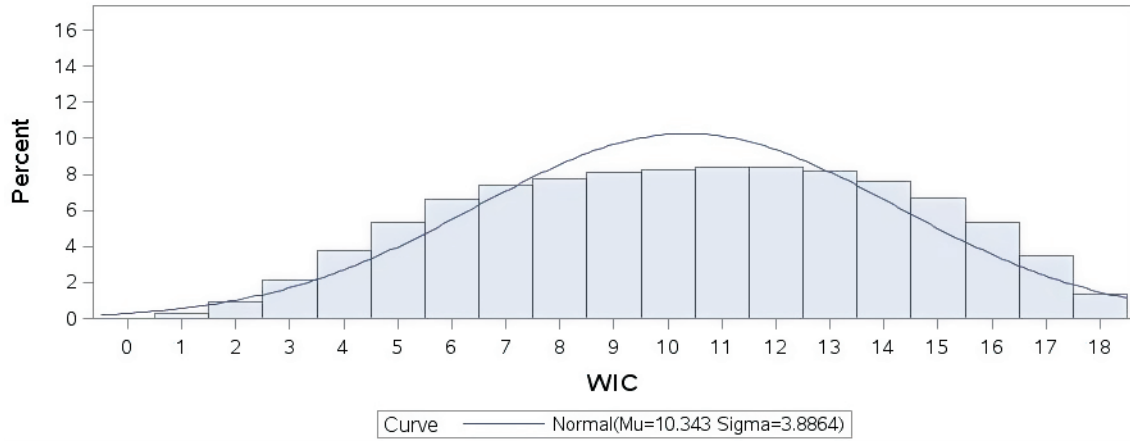


Figure A-6.19.8: Expression of Ideas raw score distribution

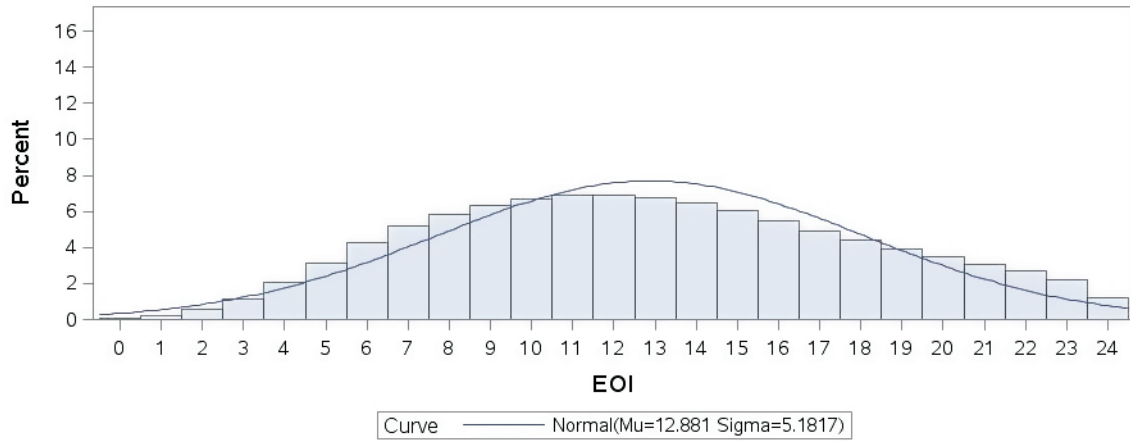


Figure A-6.19.9: Standard English Conventions raw score distribution

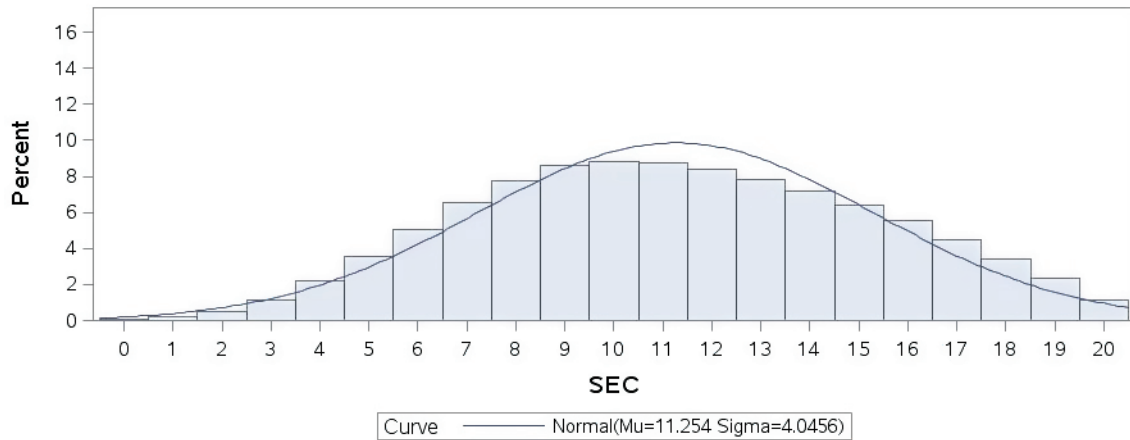


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Figure A-6.19.10: Heart of Algebra raw score distribution

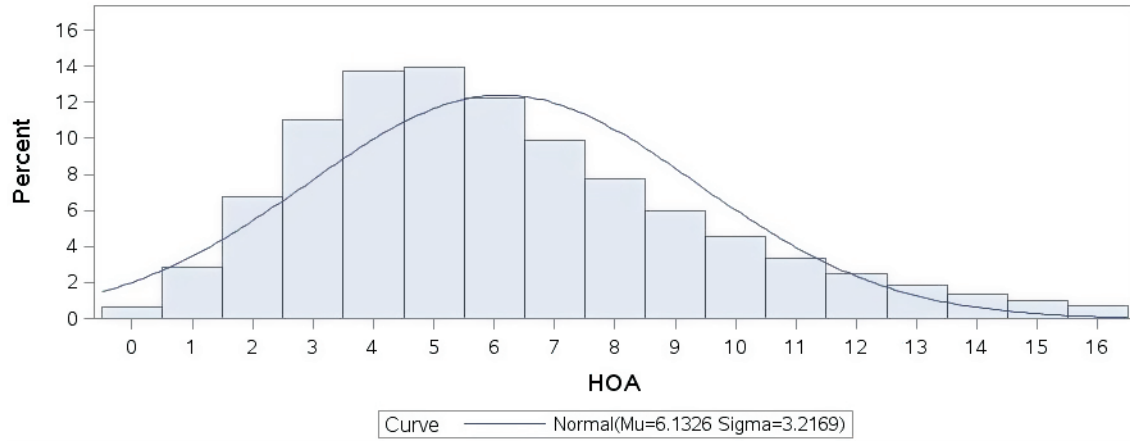


Figure A-6.19.11: Problem Solving and Data Analysis raw score distribution

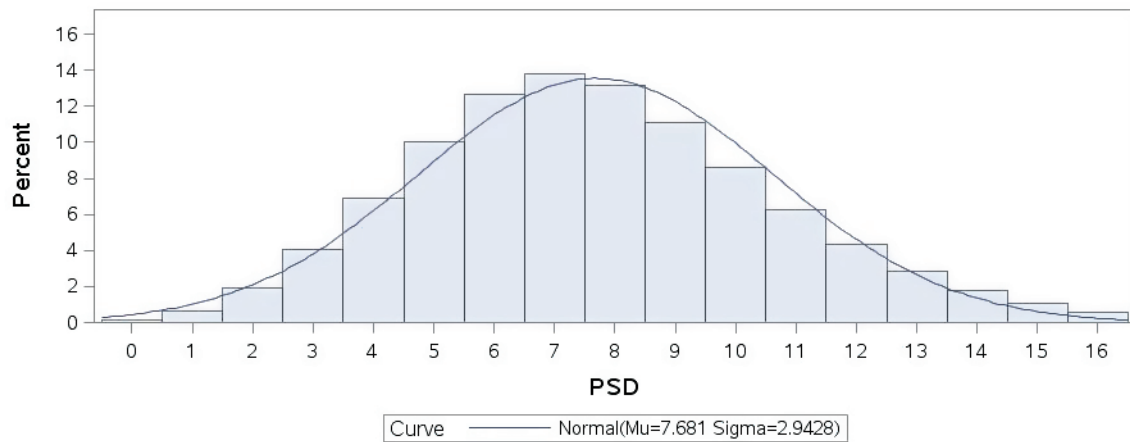


Figure A-6.19.12: Passport to Advanced Math raw score distribution

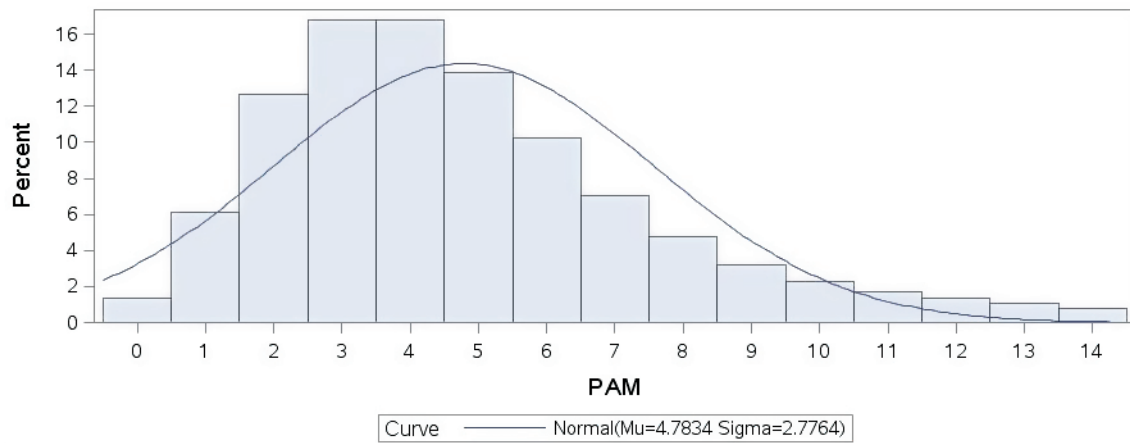


Figure A-6.20: Raw score distributions for PSAT/NMSQT and PSAT 10 Form 2

Figure A-6.20.1: Reading Test raw score distribution

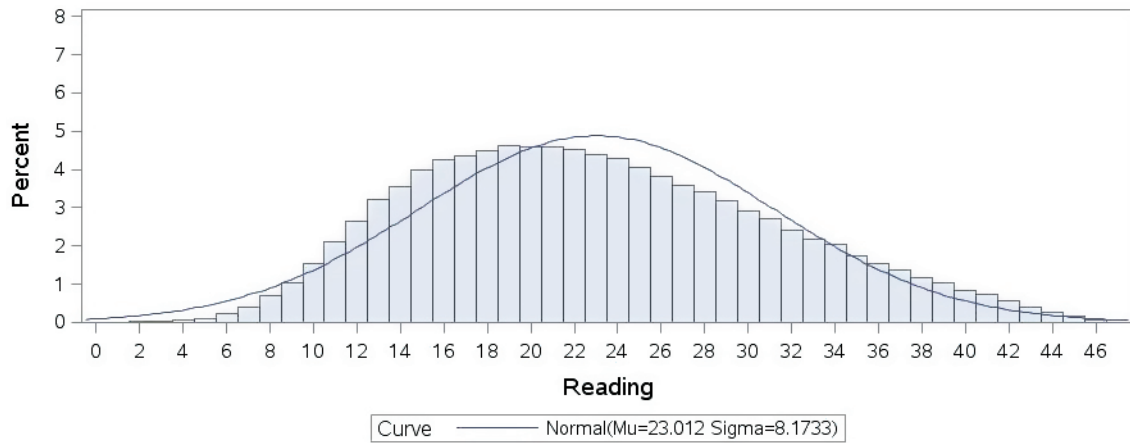


Figure A-6.20.2: Writing and Language Test raw score distribution

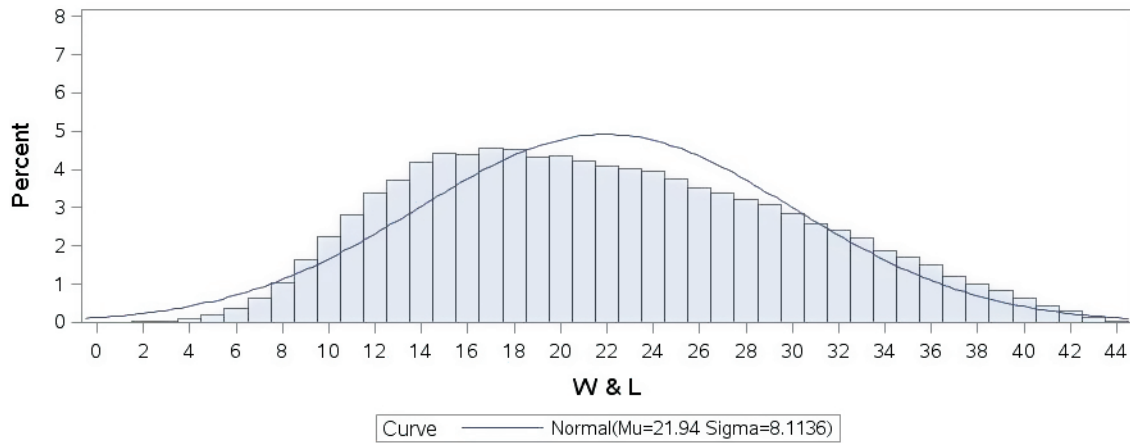


Figure A-6.20.3: Math Test raw score distribution

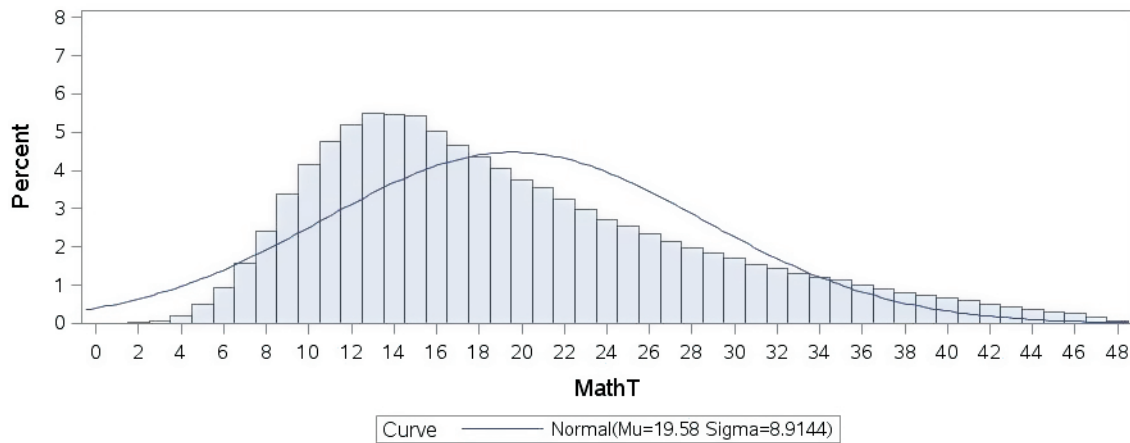


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Figure A-6.20.4: Analysis in History and Social Science raw score distribution

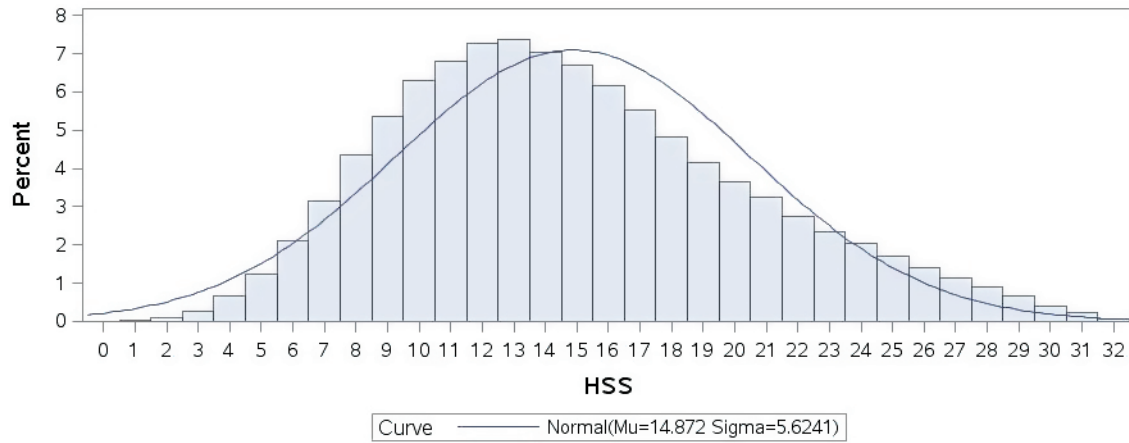


Figure A-6.20.5: Analysis in Science raw score distribution

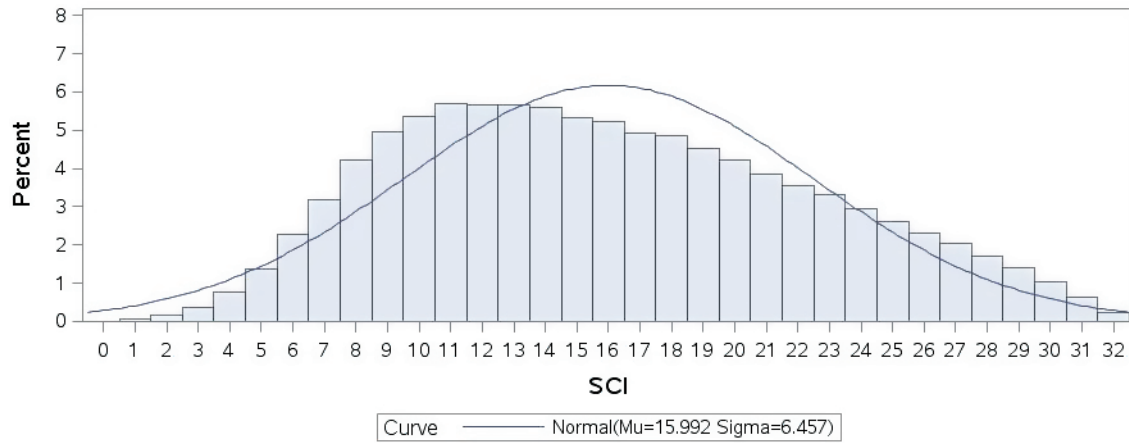


Figure A-6.20.6: Command of Evidence raw score distribution

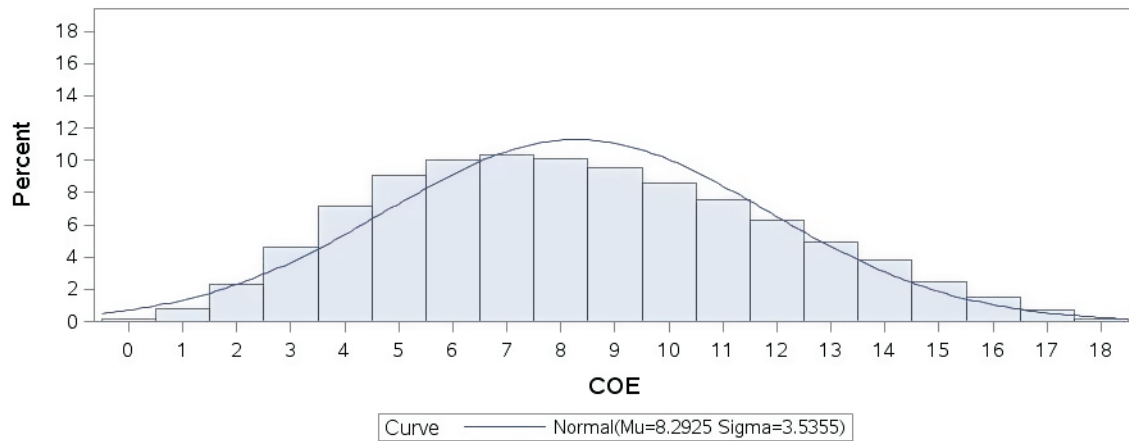


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Figure A-6.20.7: Words in Context raw score distribution

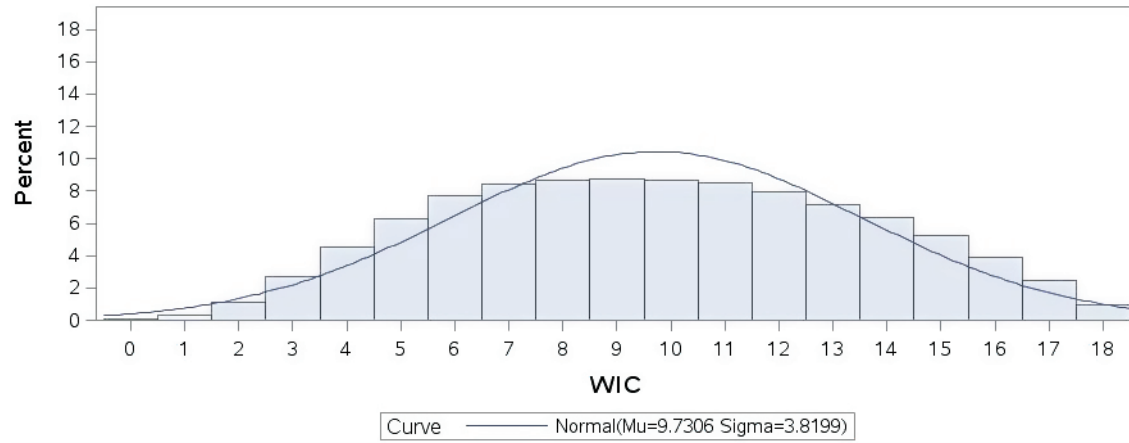


Figure A-6.20.8: Expression of Ideas raw score distribution

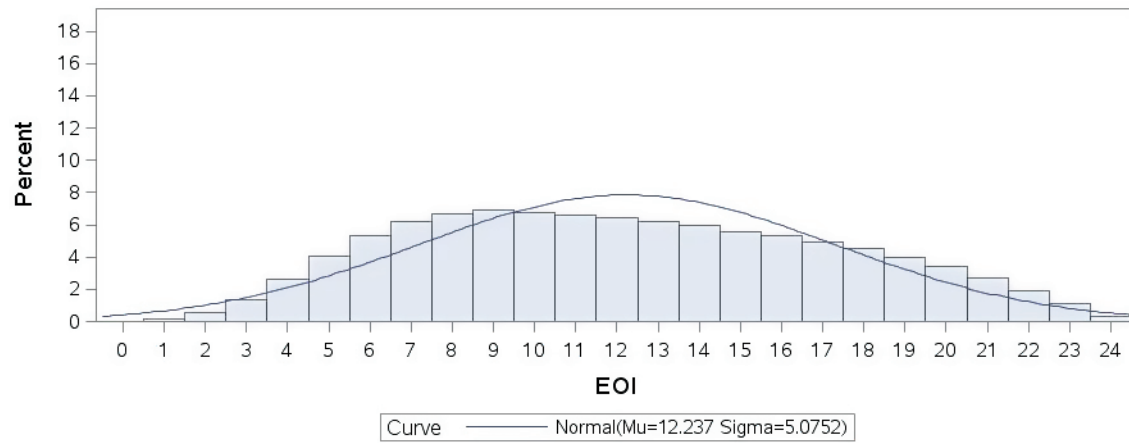


Figure A-6.20.9: Standard English Conventions raw score distribution

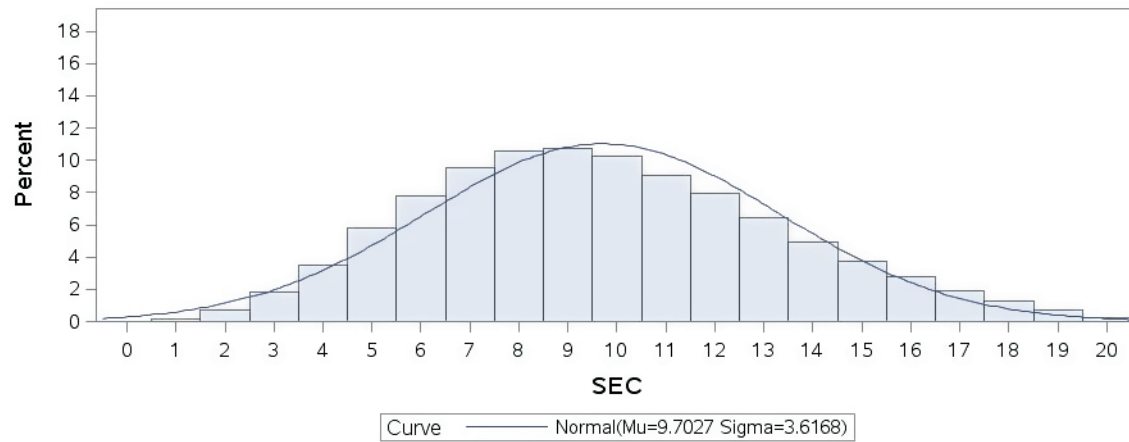


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Figure A-6.20.10: Heart of Algebra raw score distribution

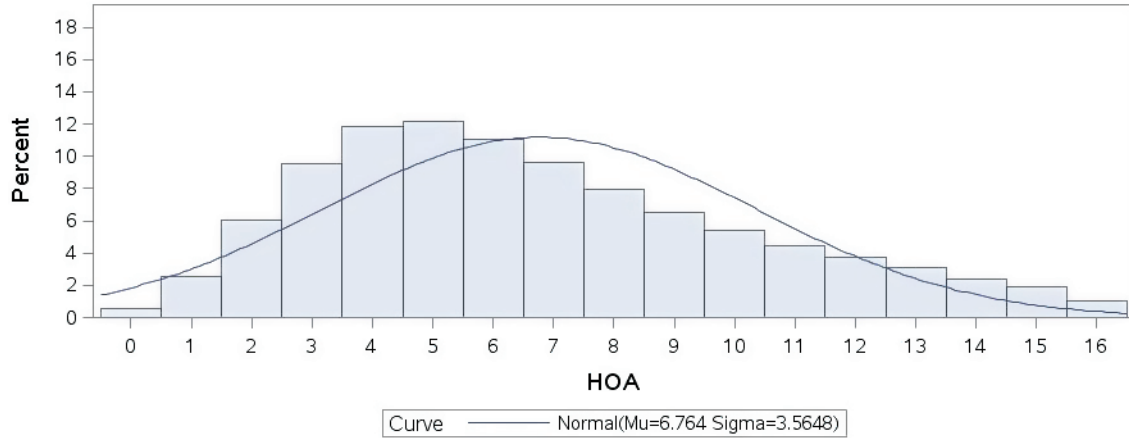


Figure A-6.20.11: Problem Solving and Data Analysis raw score distribution

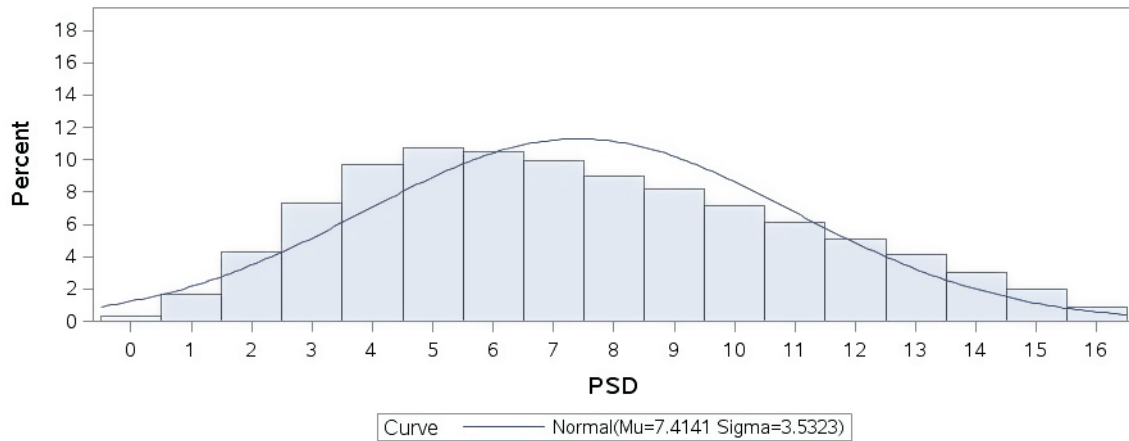


Figure A-6.20.12: Passport to Advanced Math raw score distribution

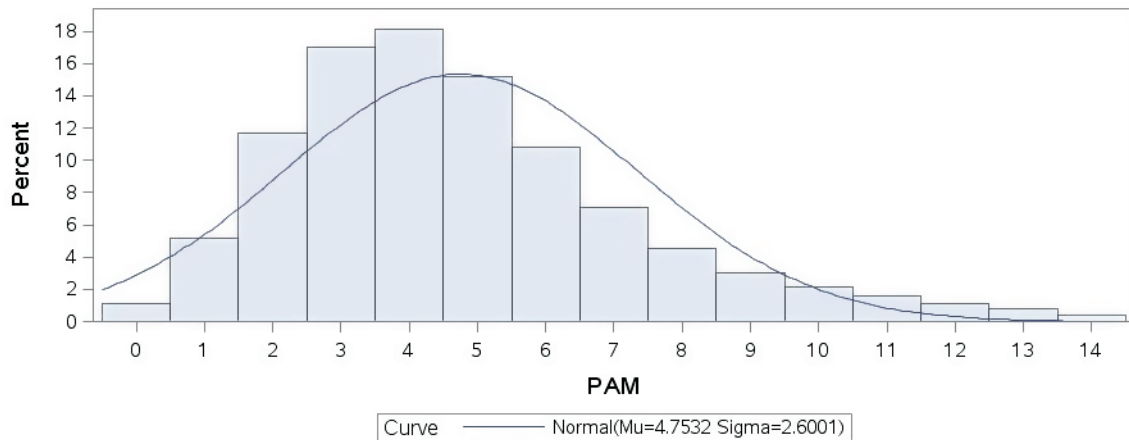


Figure A-6.21: Raw score distributions for PSAT 8/9 Form 1

Figure A-6.21.1: Reading Test raw score distribution

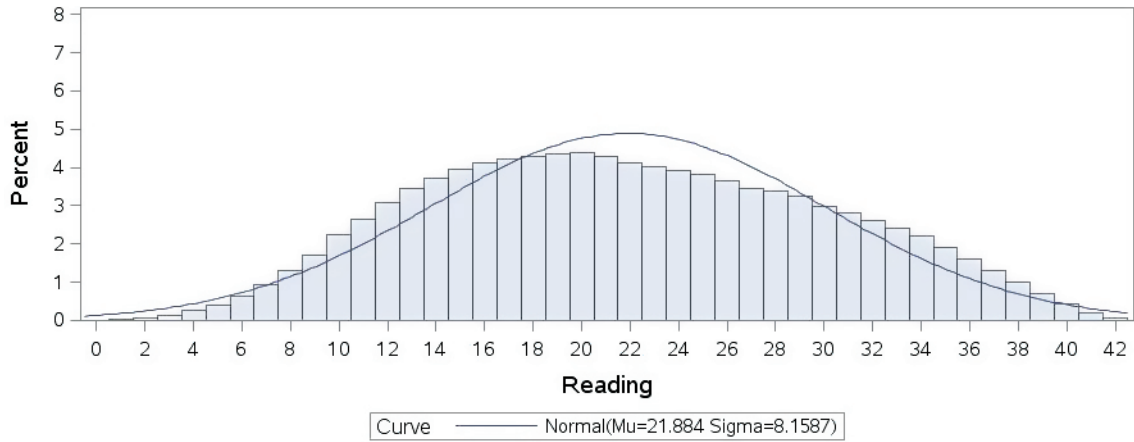


Figure A-6.21.2: Writing and Language Test raw score distribution

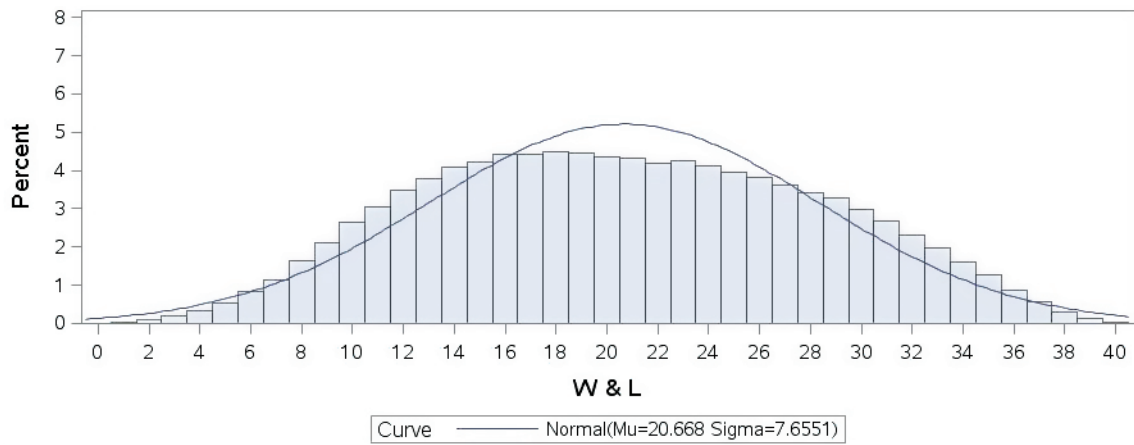


Figure A-6.21.3: Math Test raw score distribution

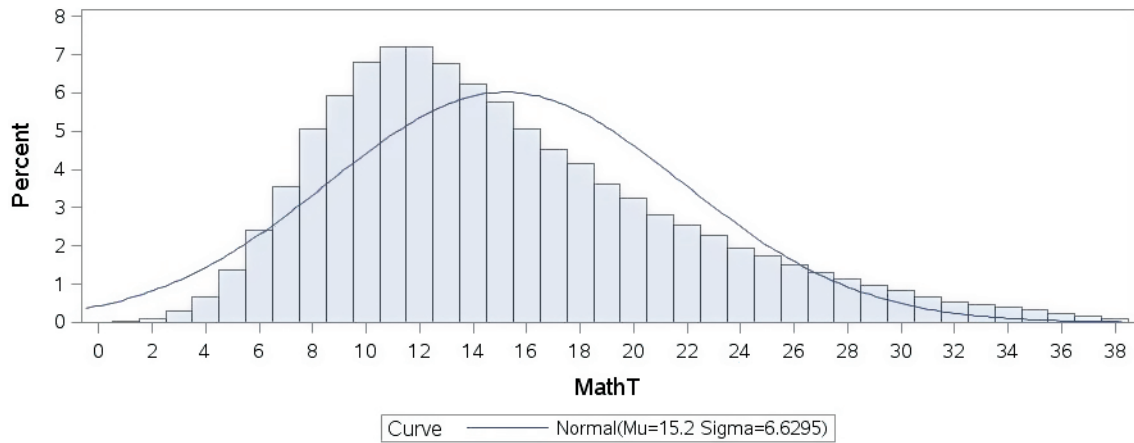


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Figure A-6.21.4: Analysis in History and Social Science raw score distribution

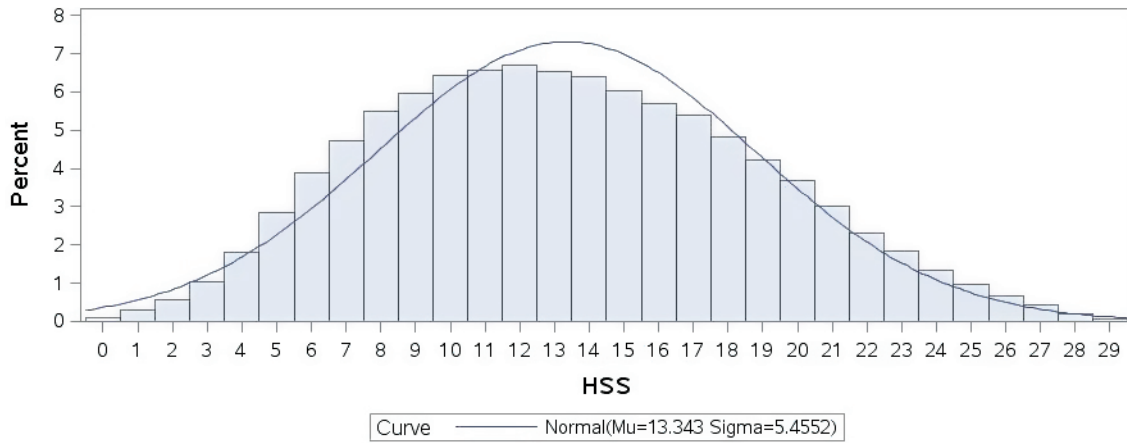


Figure A-6.21.5: Analysis in Science raw score distribution

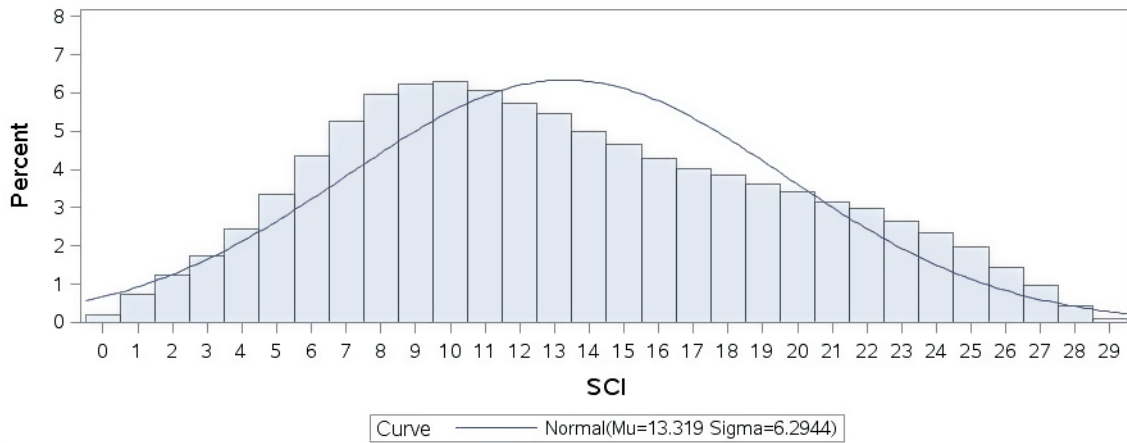


Figure A-6.21.6: Command of Evidence raw score distribution

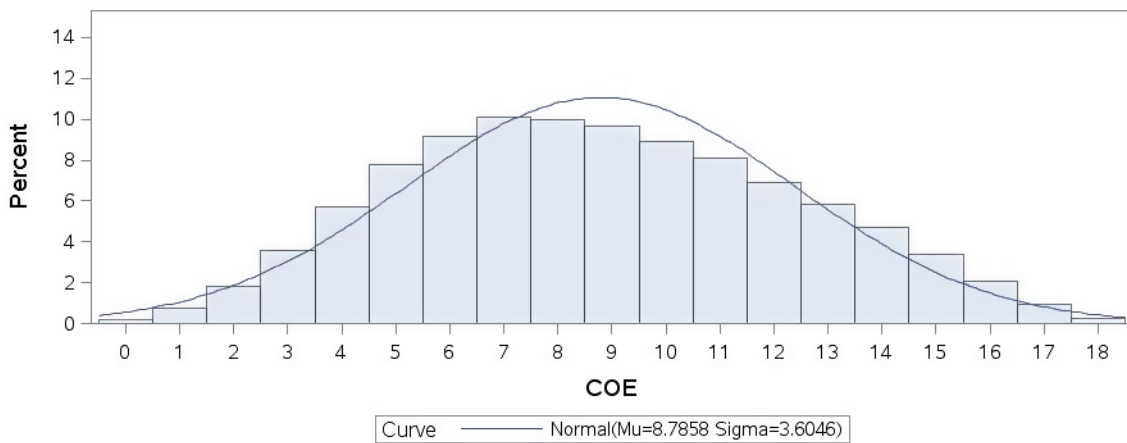


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Figure A-6.21.7: Words in Context raw score distribution

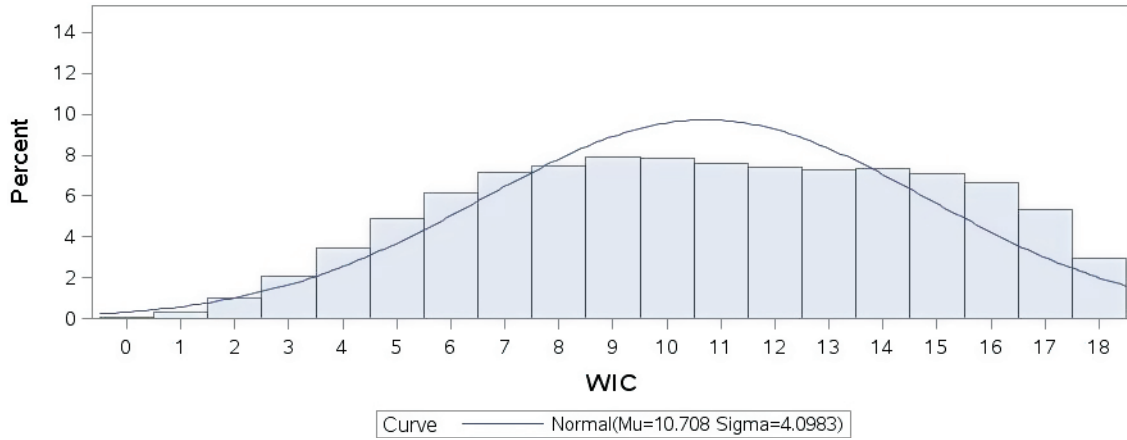


Figure A-6.21.8 Expression of Ideas raw score distribution

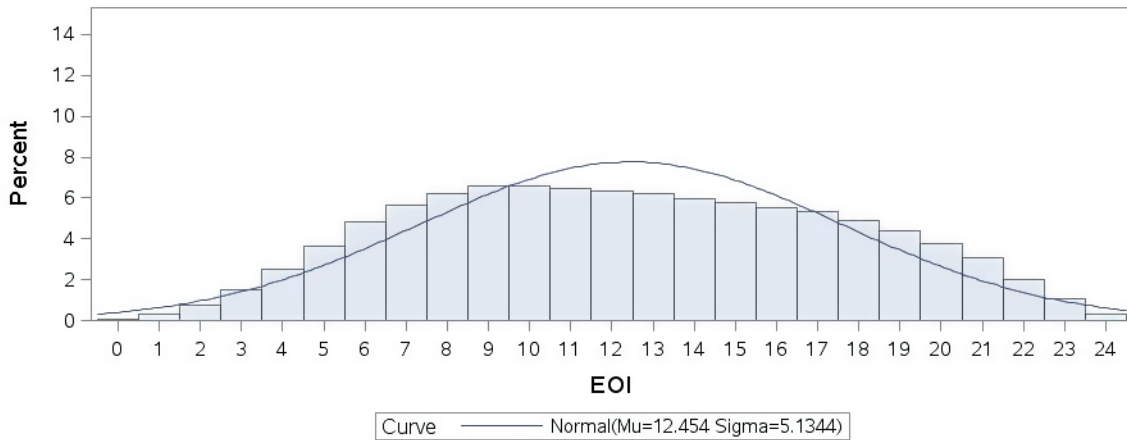


Figure A-6.21.9: Standard English Conventions raw score distribution

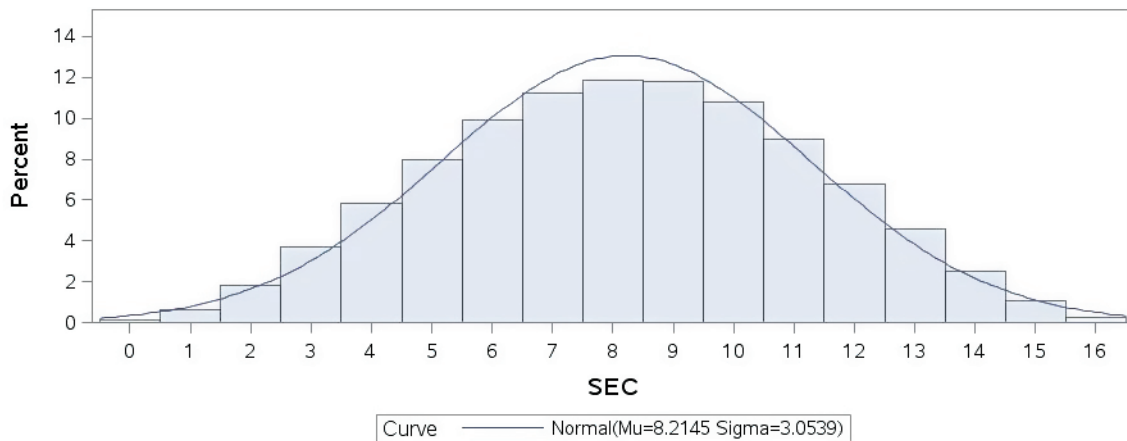


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Figure A-6.21.10: Heart of Algebra raw score distribution

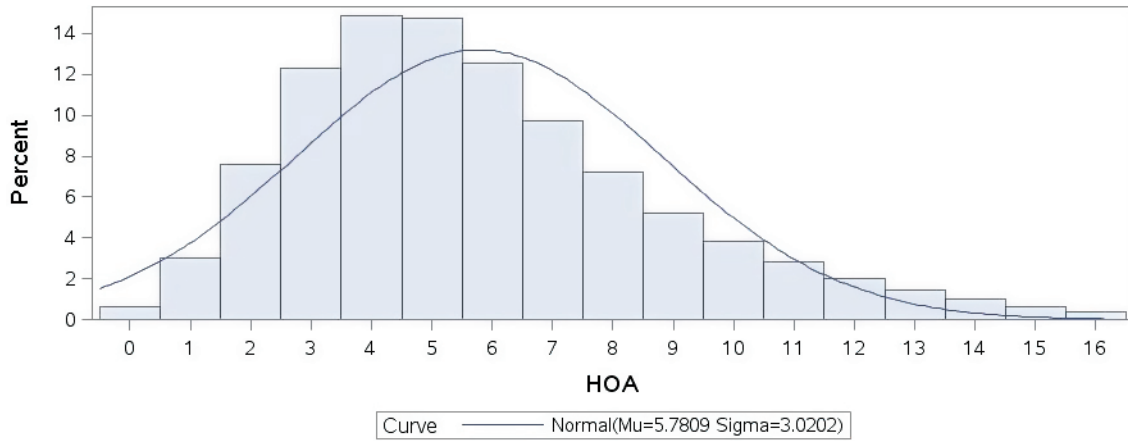


Figure A-6.21.11: Problem Solving and Data Analysis raw score distribution

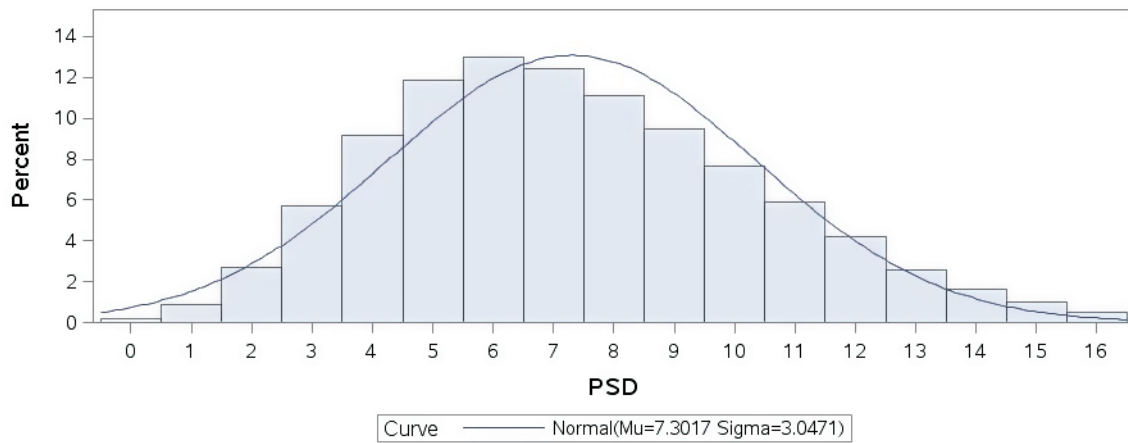


Figure A-6.22: Raw score distributions for PSAT 8/9 Form 2

Figure A-6.22.1: Reading Test raw score distribution

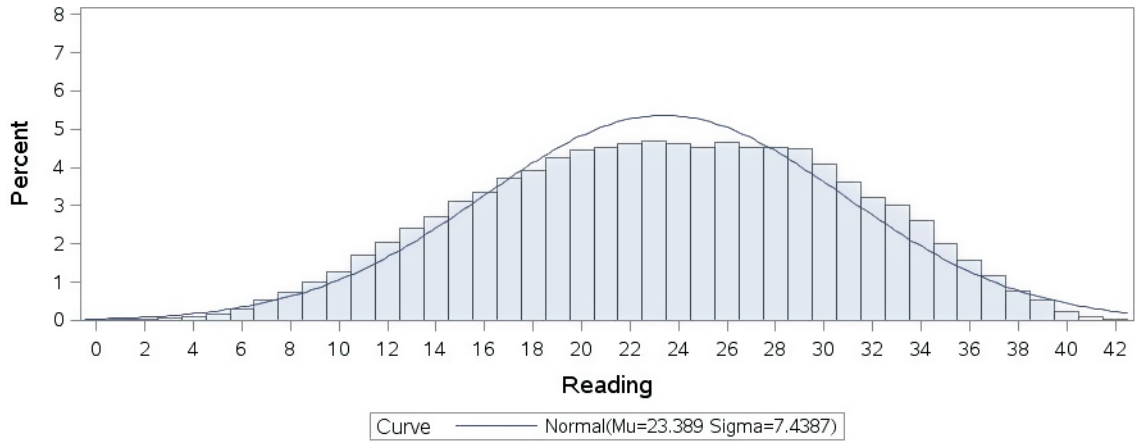


Figure A-6.22.2: Writing and Language Test raw score distribution

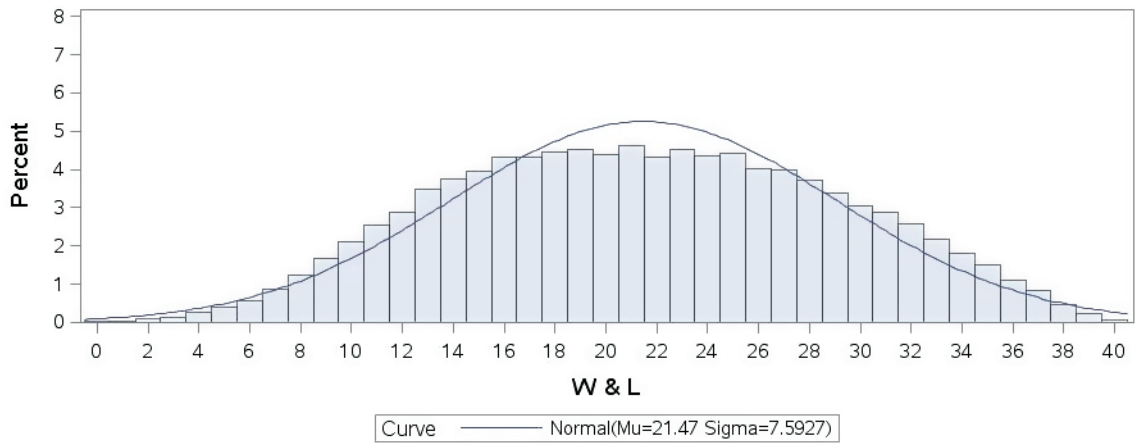


Figure A-6.22.3: Math Test raw score distribution

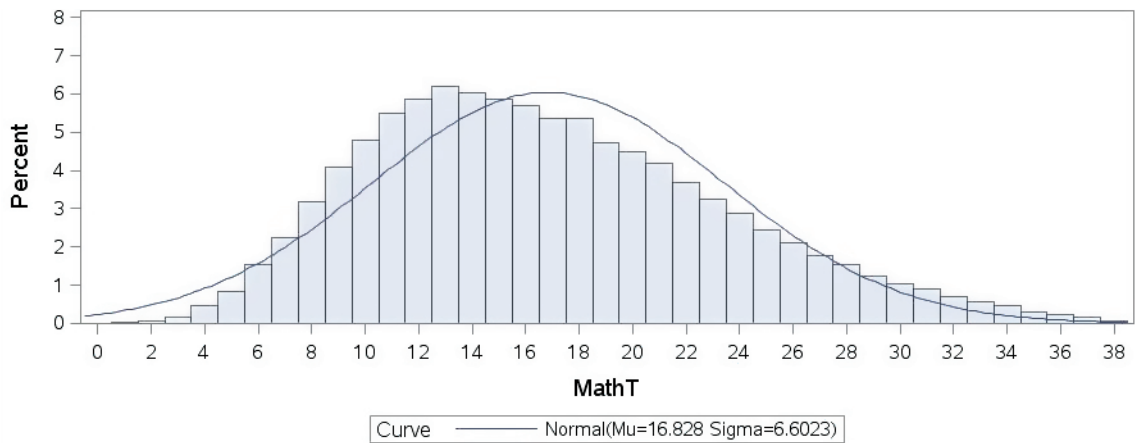


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Figure A-6.22.4: Analysis in History and Social Science raw score distribution

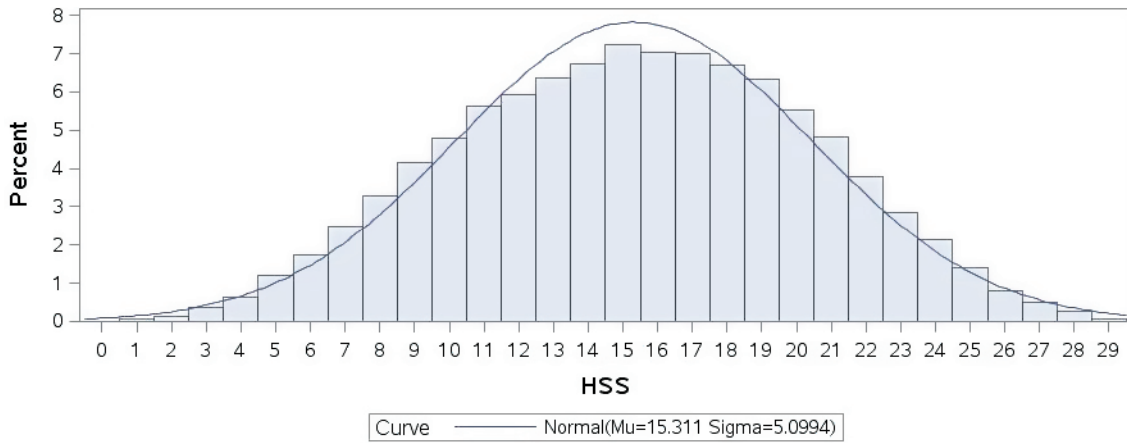


Figure A-6.22.5: Analysis in Science raw score distribution

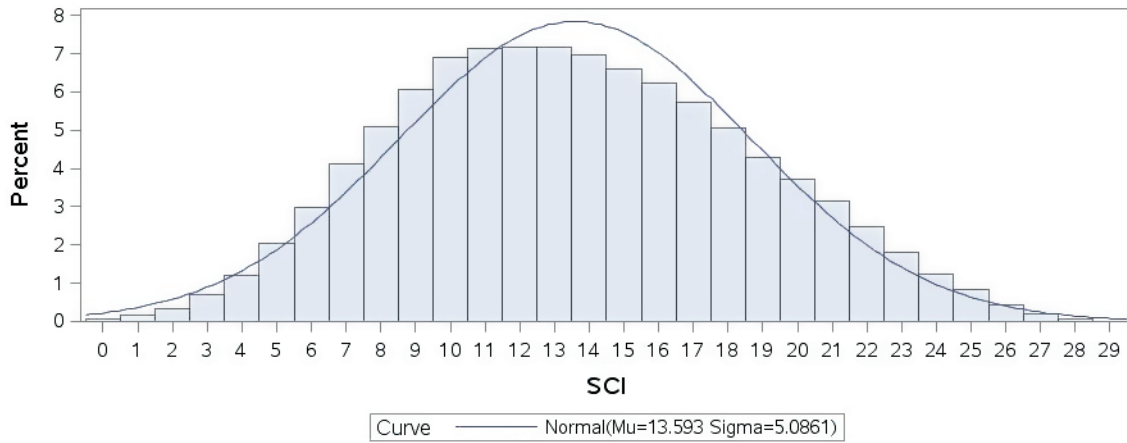


Figure A-6.22.6: Command of Evidence raw score distribution

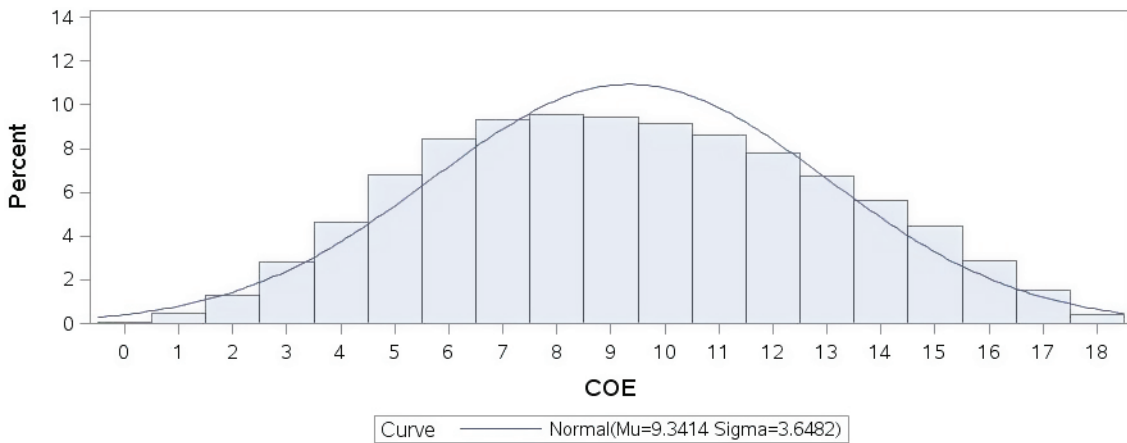


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Figure A-6.22.7: Words in Context raw score distribution

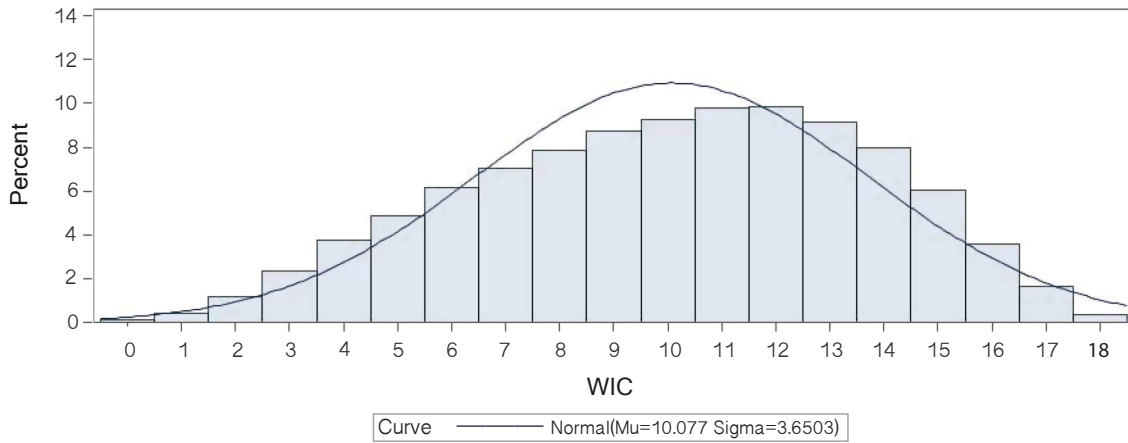


Figure A-6.22.8: Expression of Ideas raw score distribution

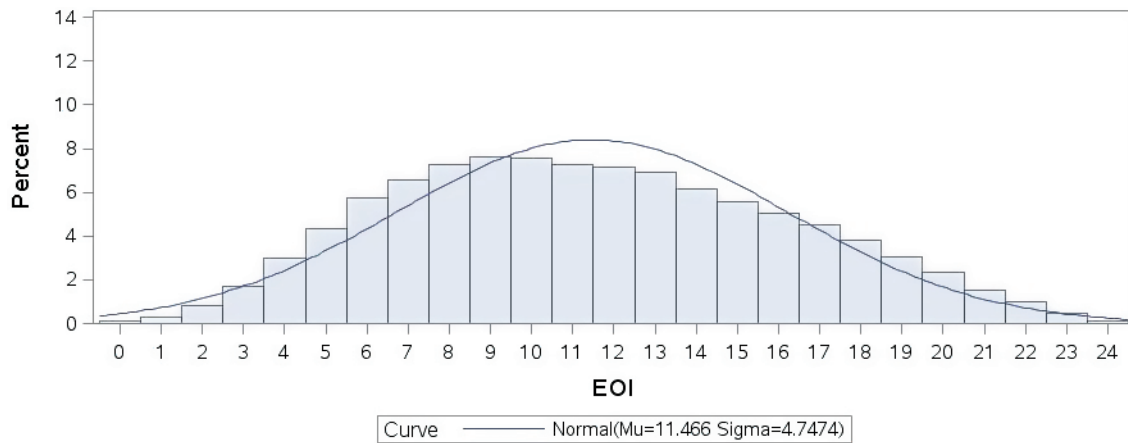


Figure A-6.22.9: Standard English Conventions raw score distribution

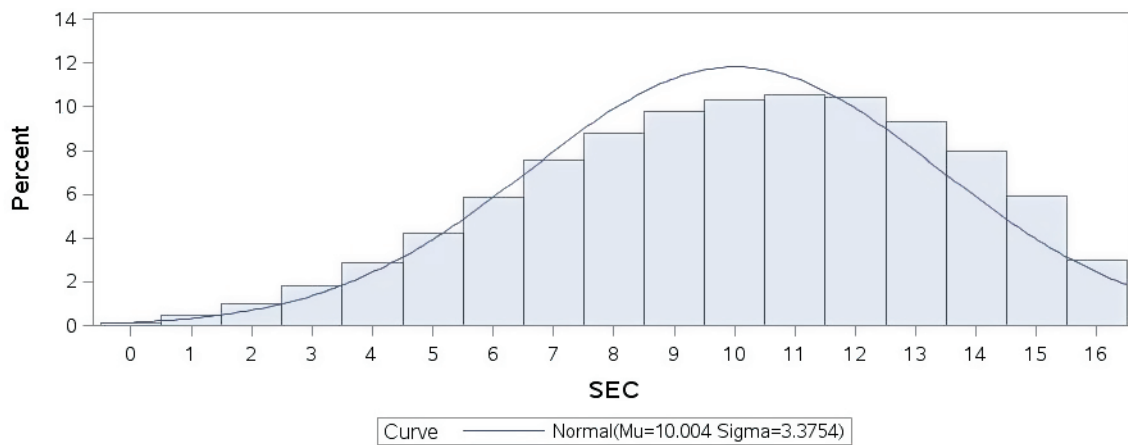


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Figure A-6.22.10: Heart of Algebra raw score distribution

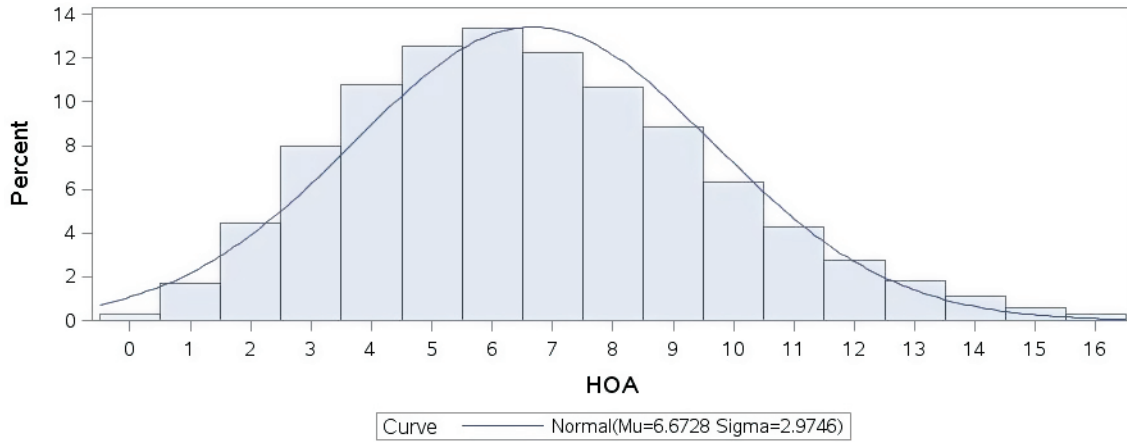


Figure A-6.22.11: Problem Solving and Data Analysis raw score distribution

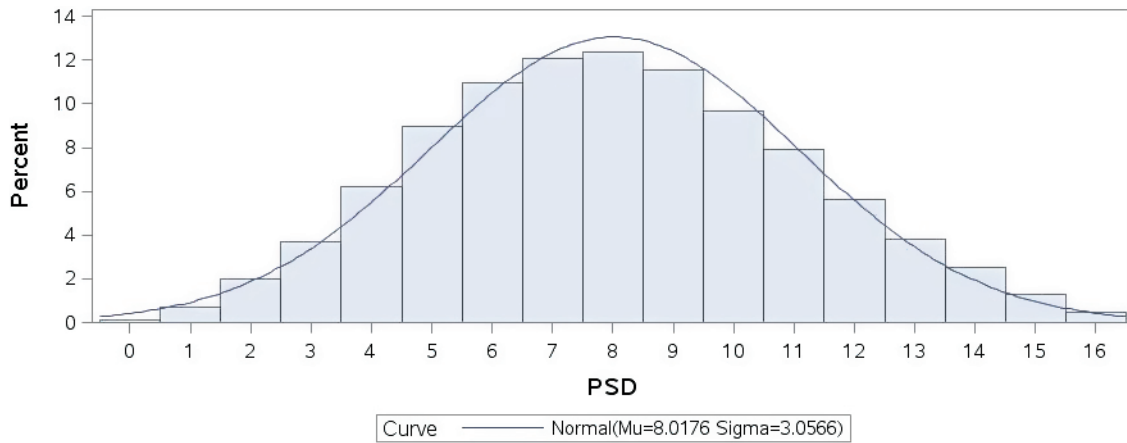


Figure A-6.23: Scale score distributions for SAT Form 1

Figure A-6.23.1: Reading Test scale score distribution

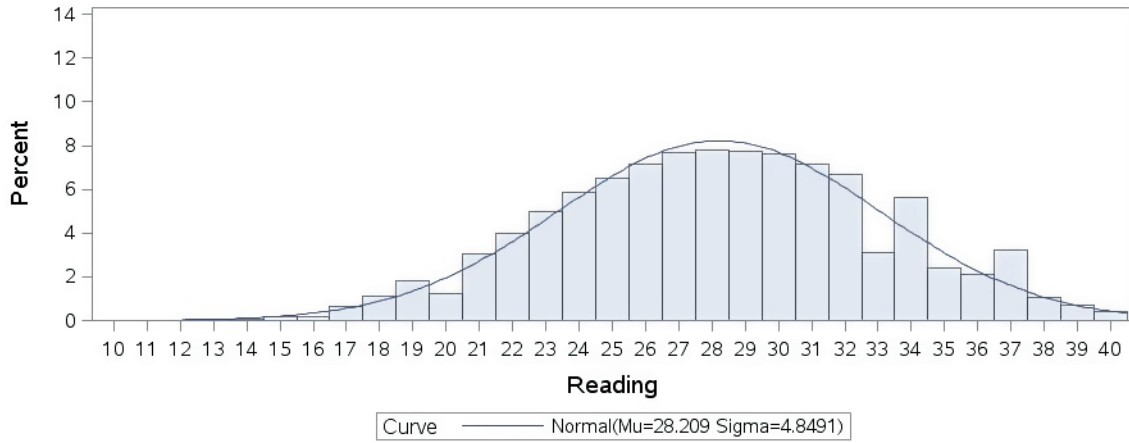


Figure A-6.23.2: Writing and Language Test scale score distribution

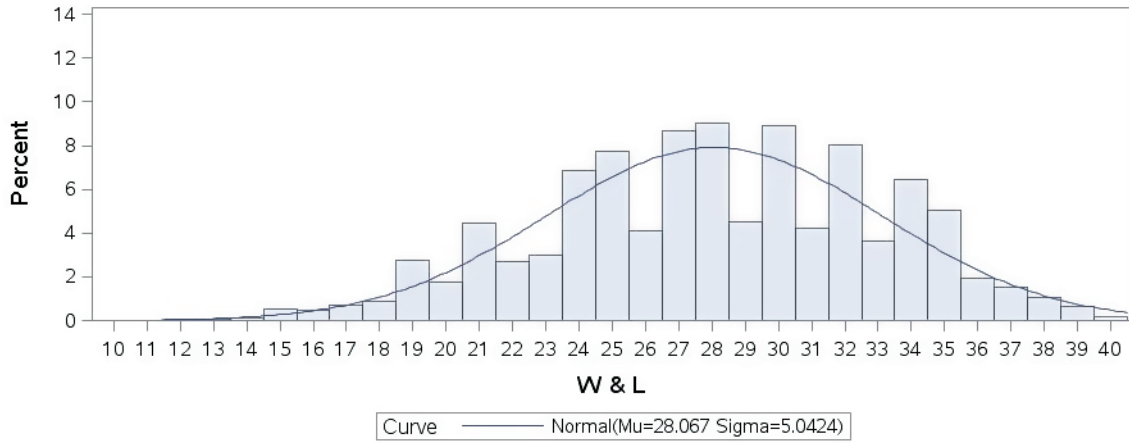


Figure A-6.23.3: Math Test scale score distribution

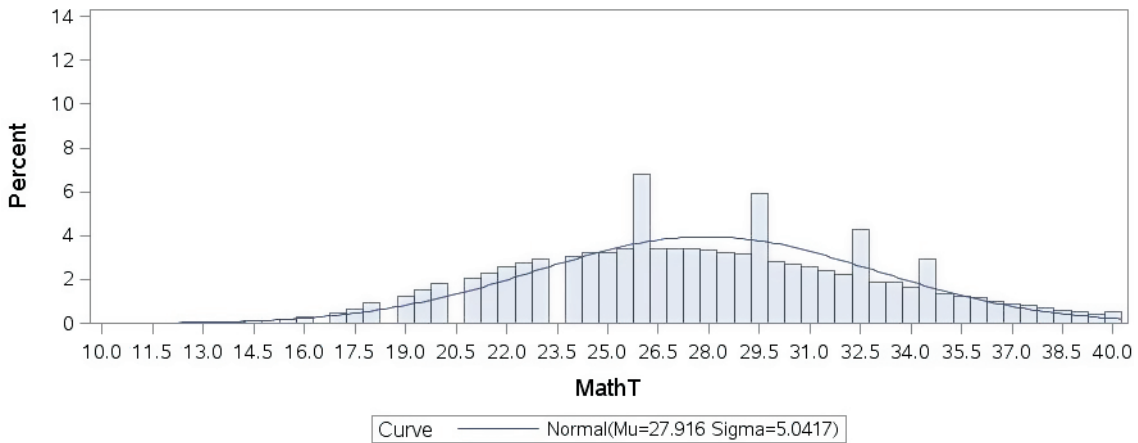


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Figure A-6.23.4: Analysis in History and Social Studies scale score distribution

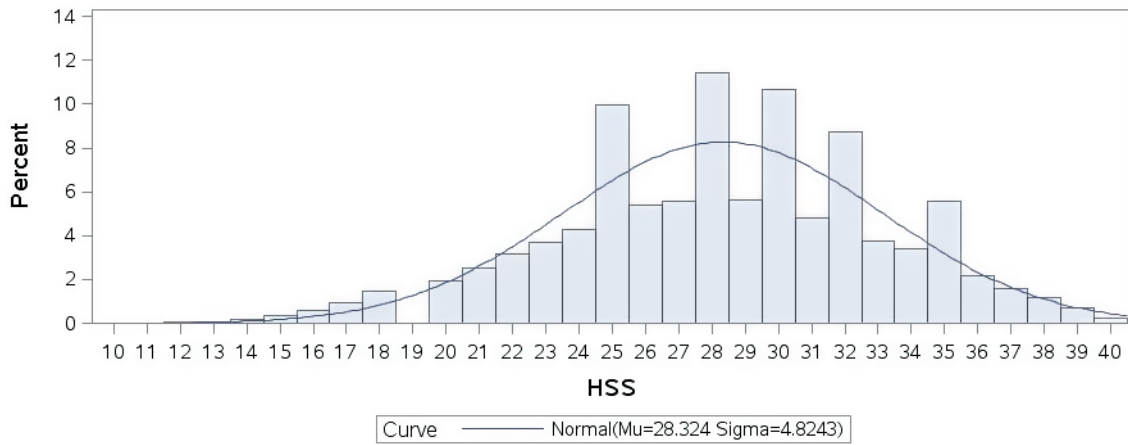


Figure A-6.23.5: Analysis in Science scale score distribution

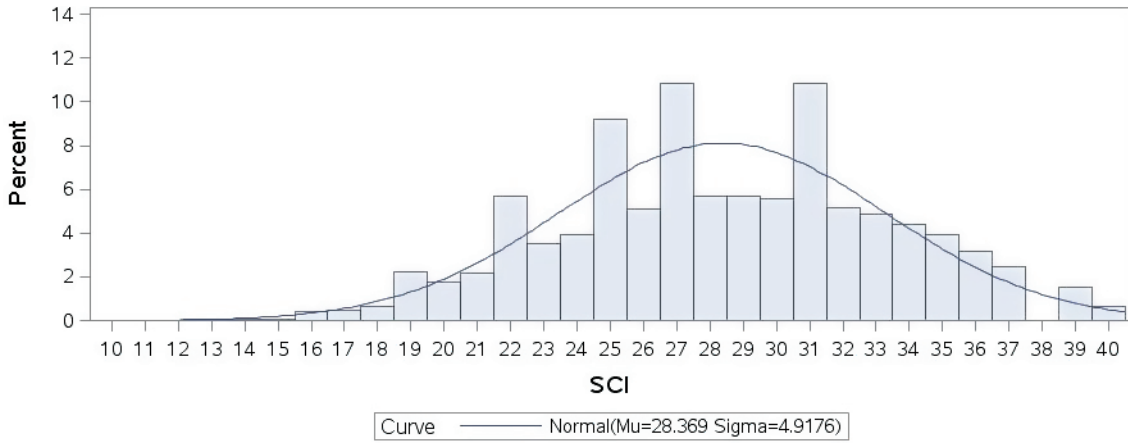


Figure A-6.23.6: Command of Evidence scale score distribution

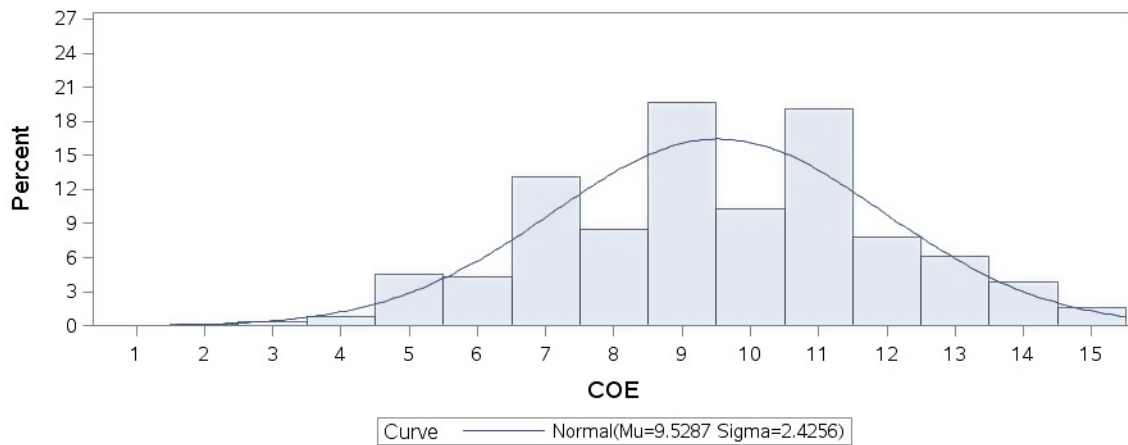


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Figure A-6.23.7: Words in Context scale score distribution

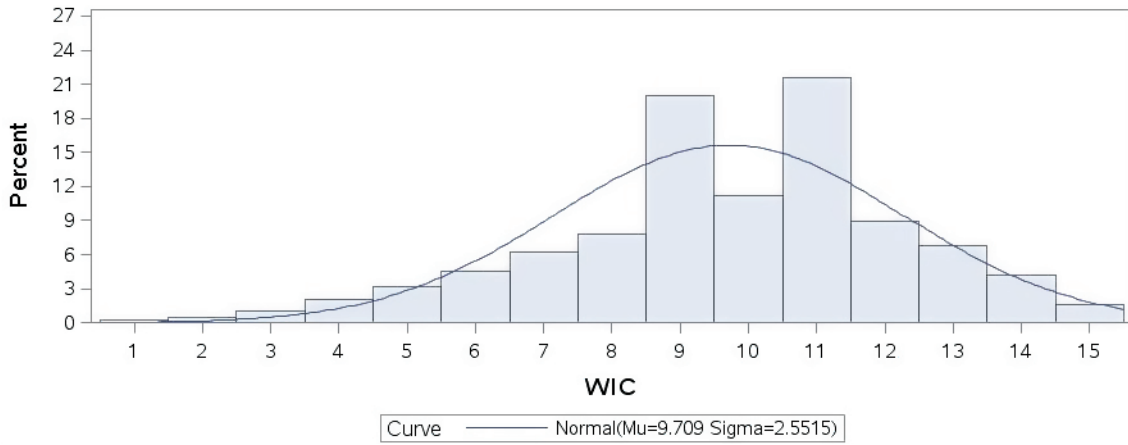


Figure A-6.23.8: Expression of Ideas scale score distribution

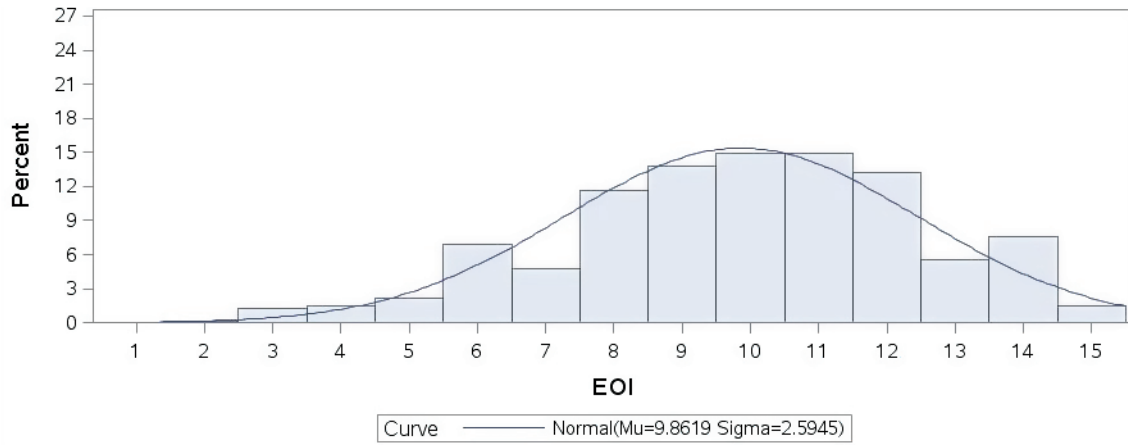


Figure A-6.23.9: Standard English Conventions scale score distribution

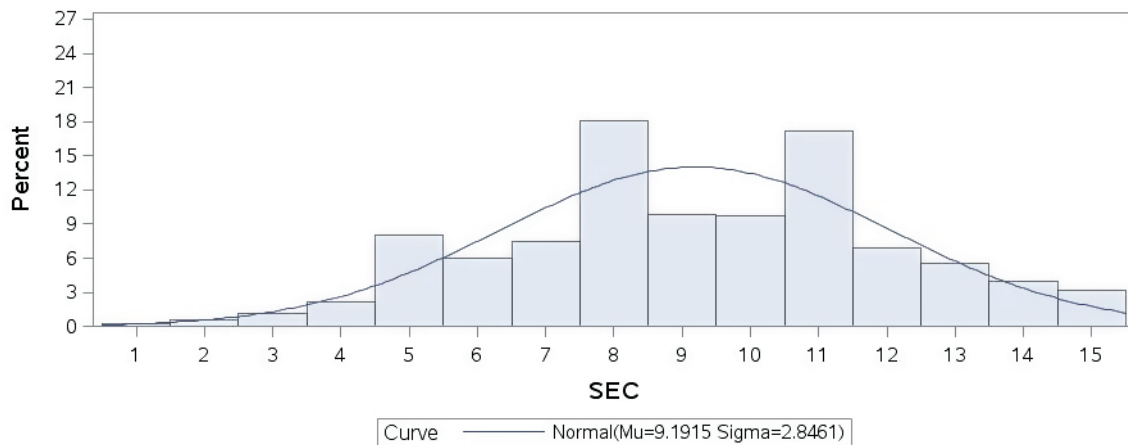


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Figure A-6.23.10: Heart of Algebra scale score distribution

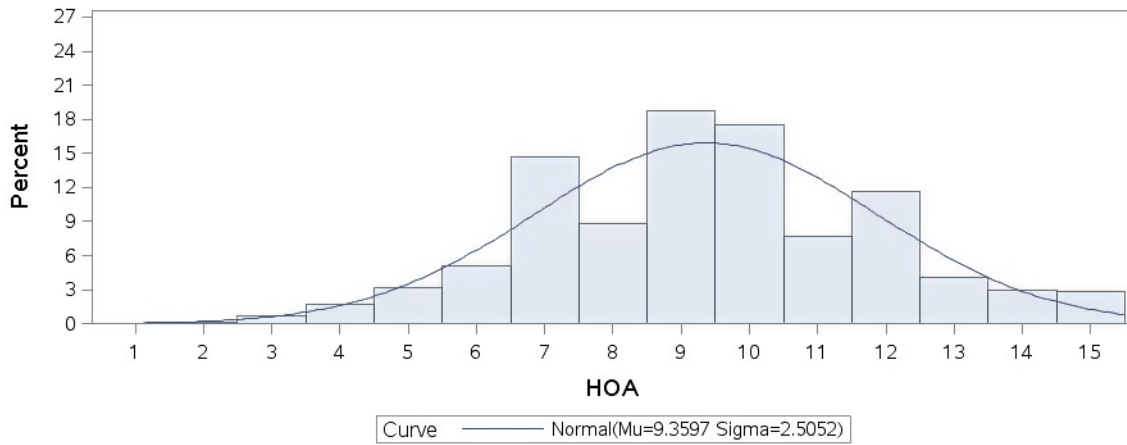


Figure A-6.23.11: Problem Solving and Data Analysis scale score distribution

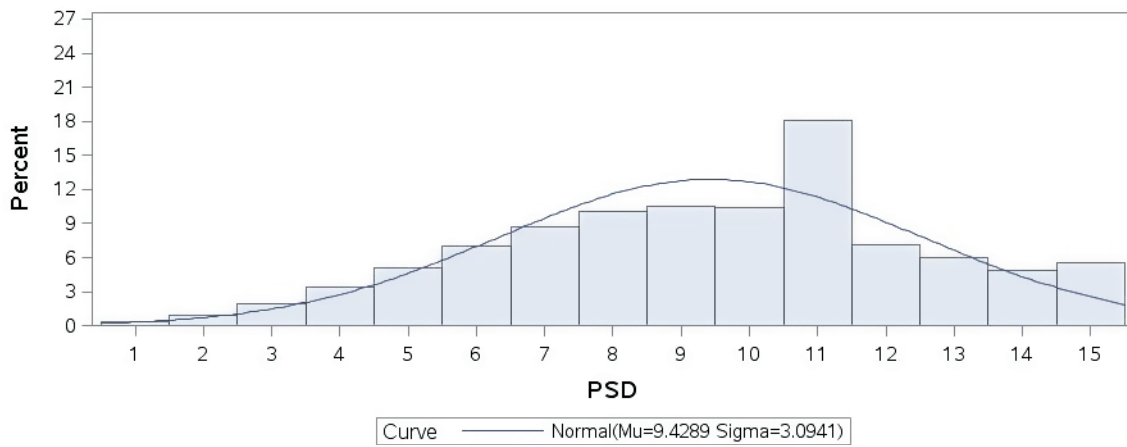


Figure A-6.23.12: Passport to Advanced Math scale score distribution

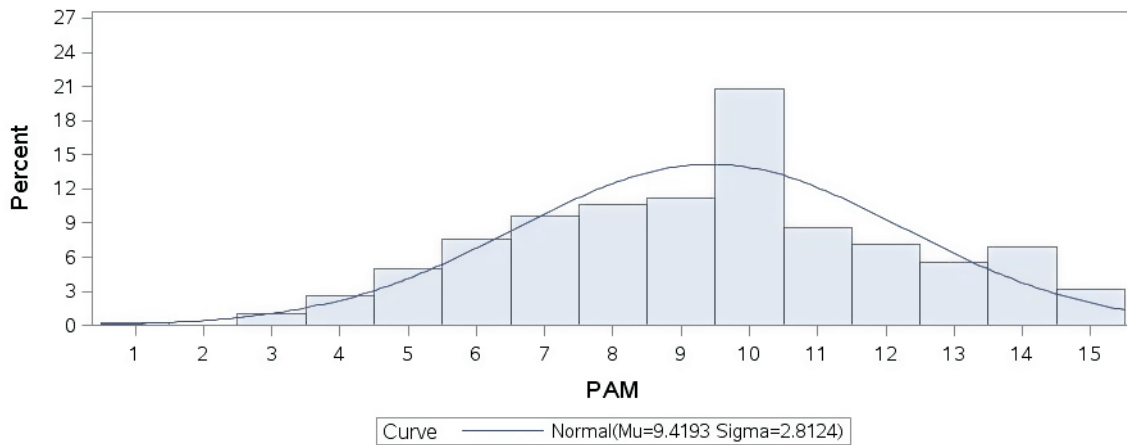


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Figure A-6.23.13: Evidence-Based Reading and Writing scale score distribution

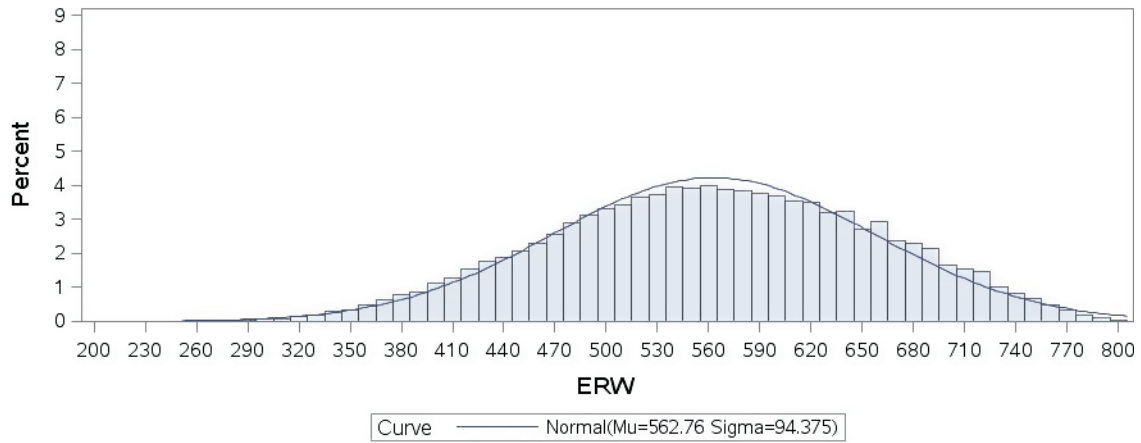


Figure A-6.23.14: Math section scale score distribution

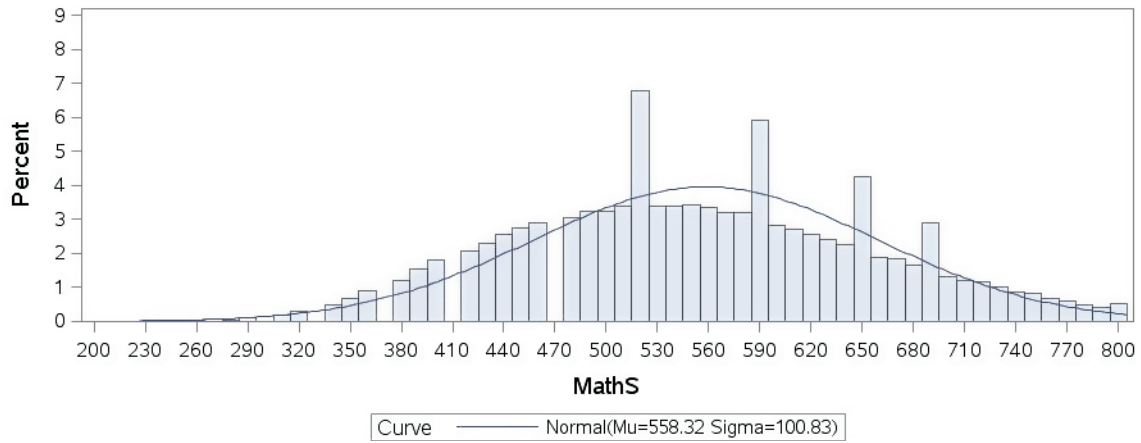


Figure A-6.23.15: Total scale score distribution

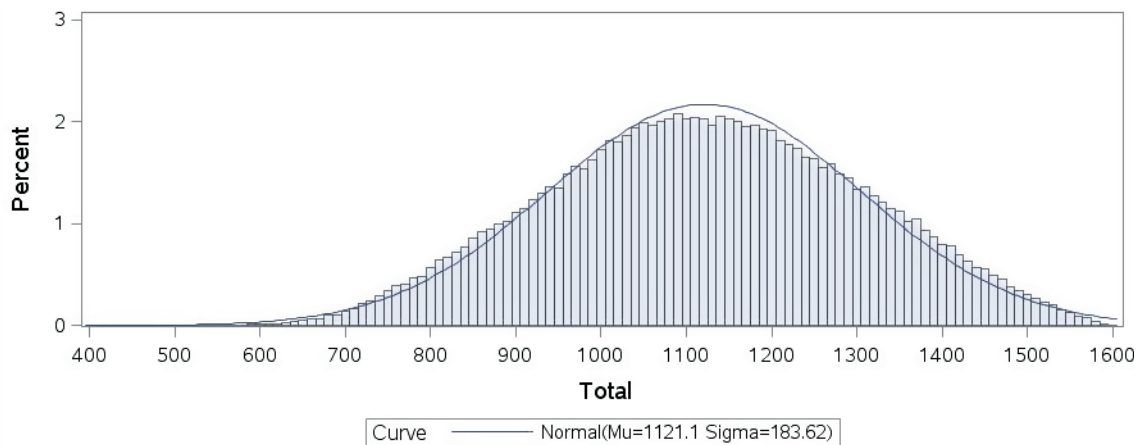


Figure A-6.24: Scale score distributions for SAT Form 2

Figure A-6.24.1: Reading Test scale score distribution

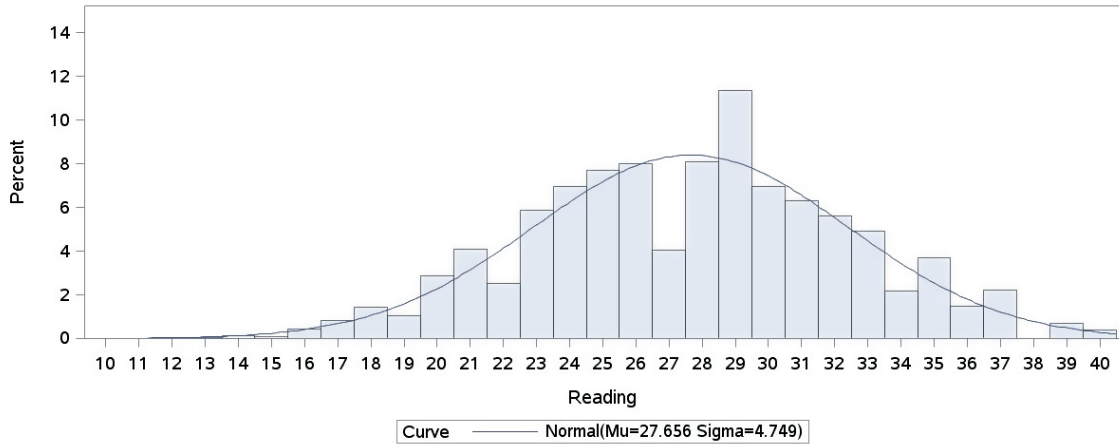


Figure A-6.24.2: Writing and Language Test scale score distribution

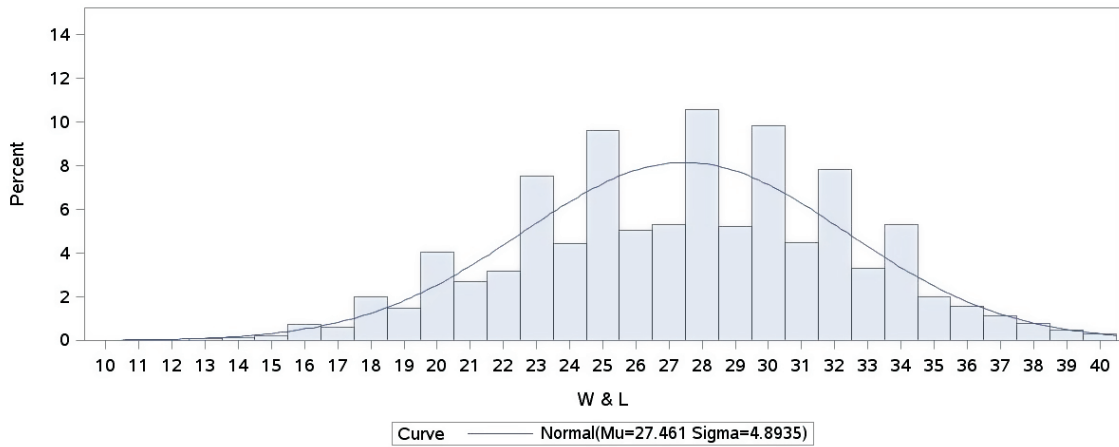


Figure A-6.24.3: Math Test scale score distribution

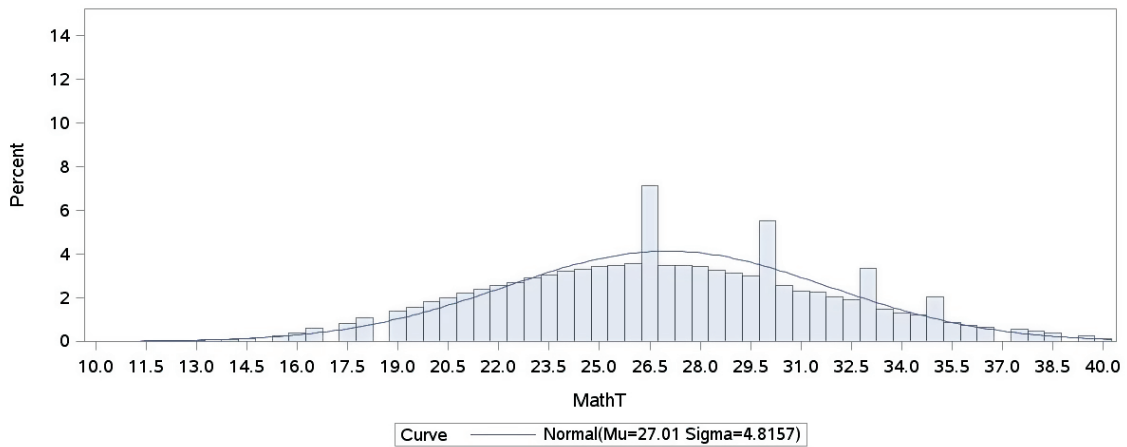


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Figure A-6.24.4: Analysis in History and Social Studies scale score distribution

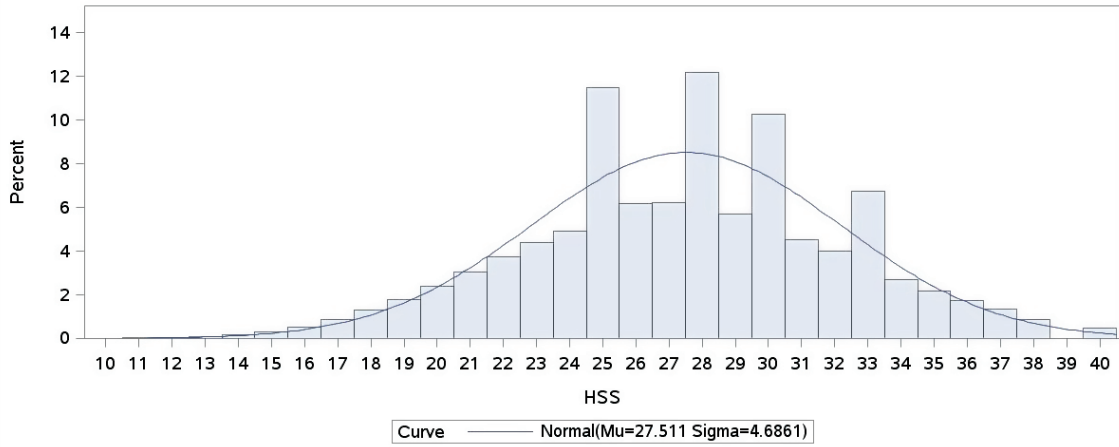


Figure A-6.24.5: Analysis in Science scale score distribution

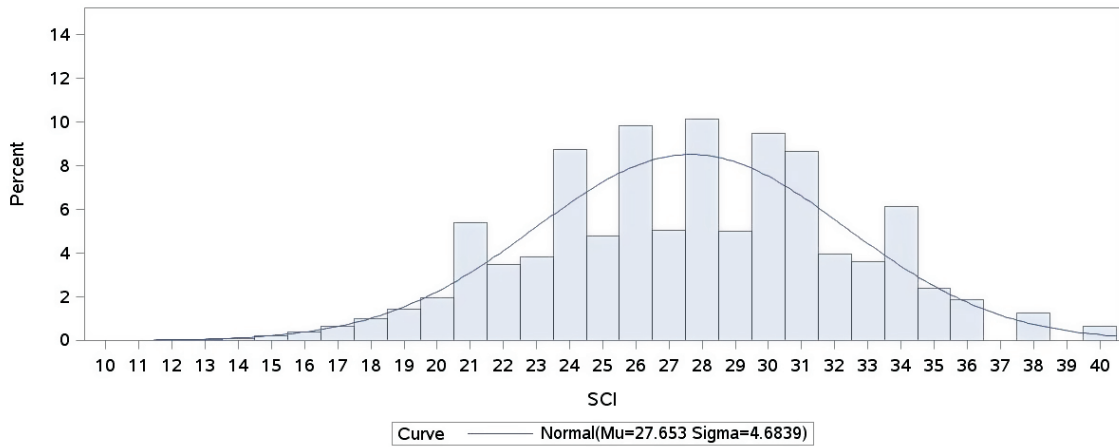


Figure A-6.24.6: Command of Evidence scale score distribution

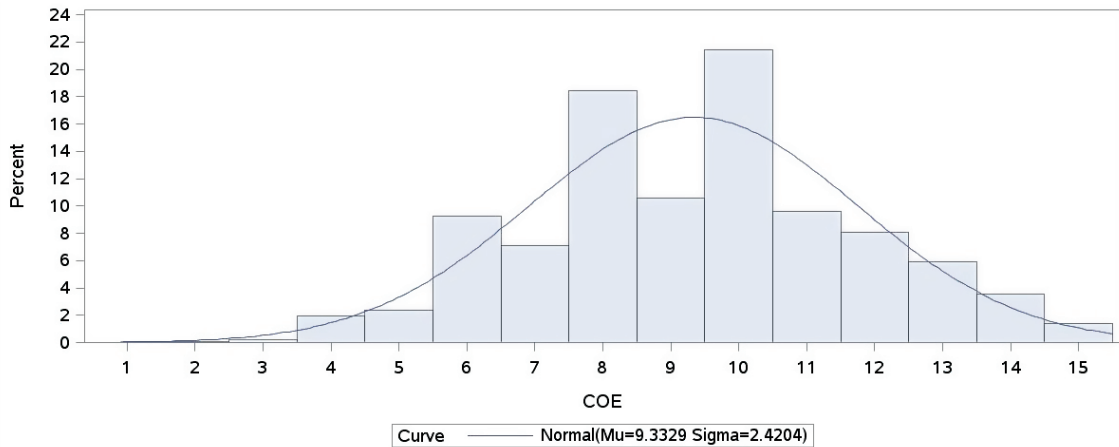


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Figure A-6.24.7: Words in Context scale score distribution

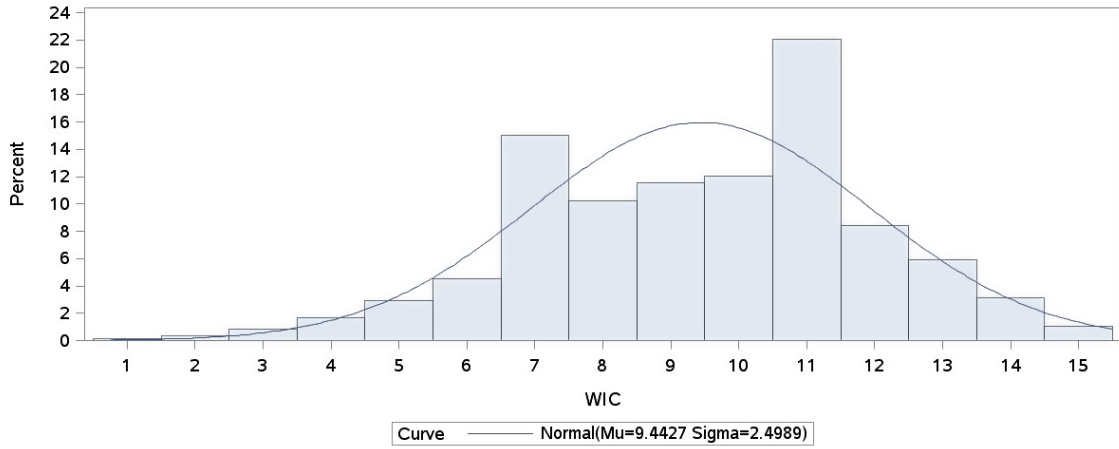


Figure A-6.24.8: Expression of Ideas scale score distribution

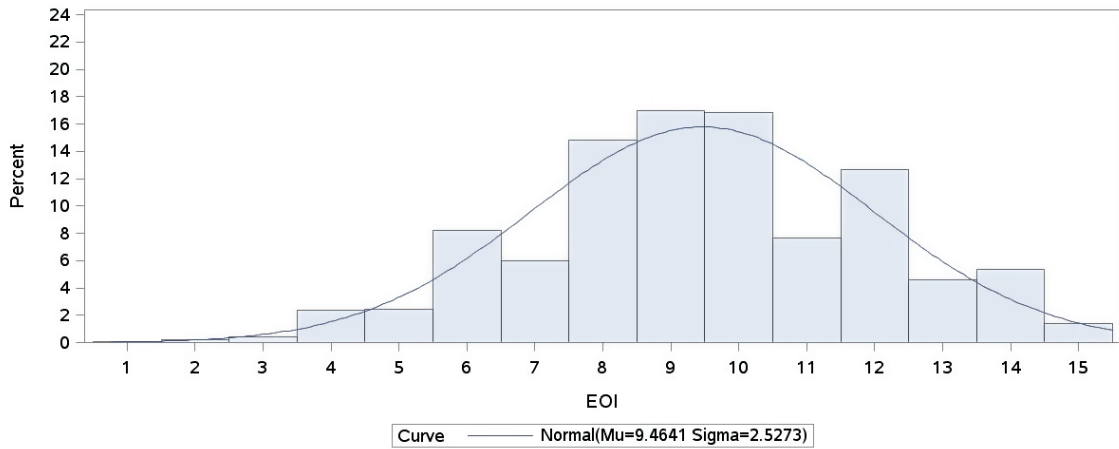


Figure A-6.24.9: Standard English Conventions scale score distribution

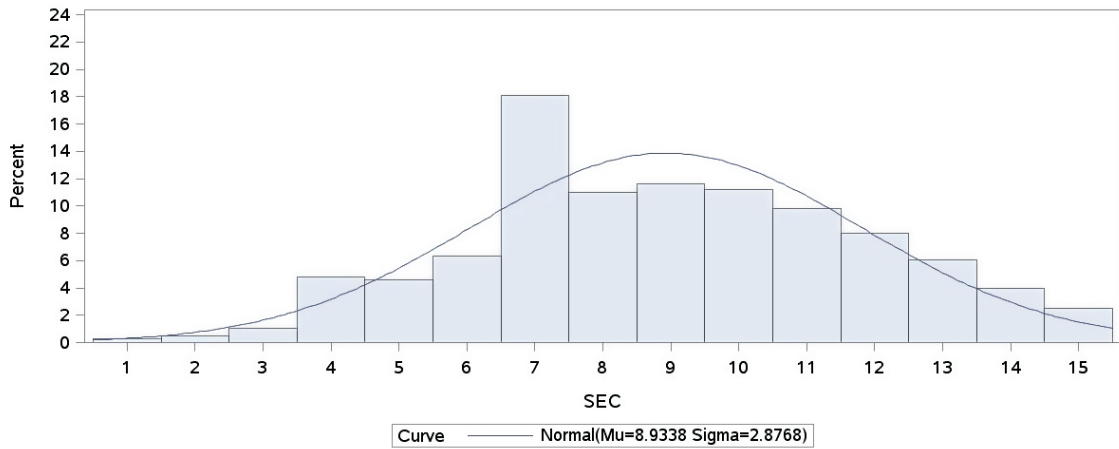


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Figure A-6.24.10: Heart of Algebra scale score distribution

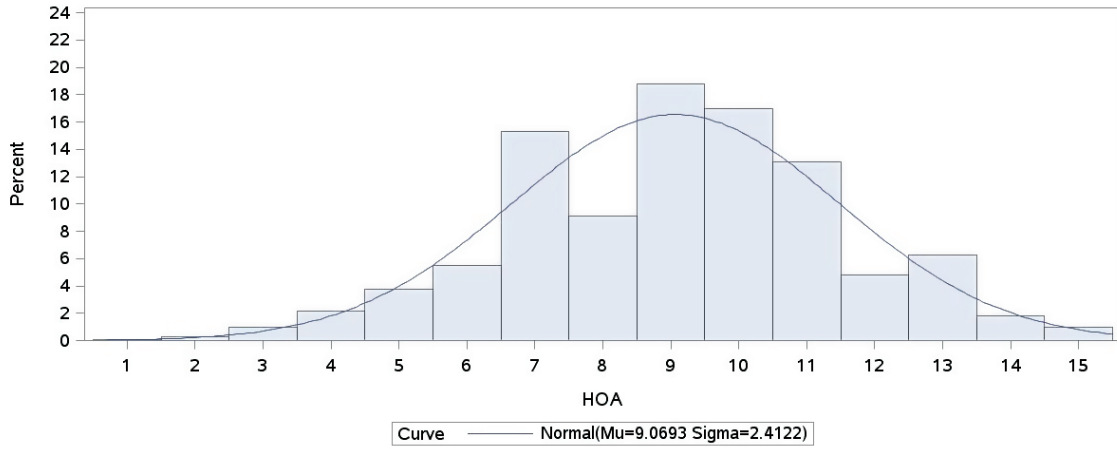


Figure A-6.24.11: Problem Solving and Data Analysis scale score distribution

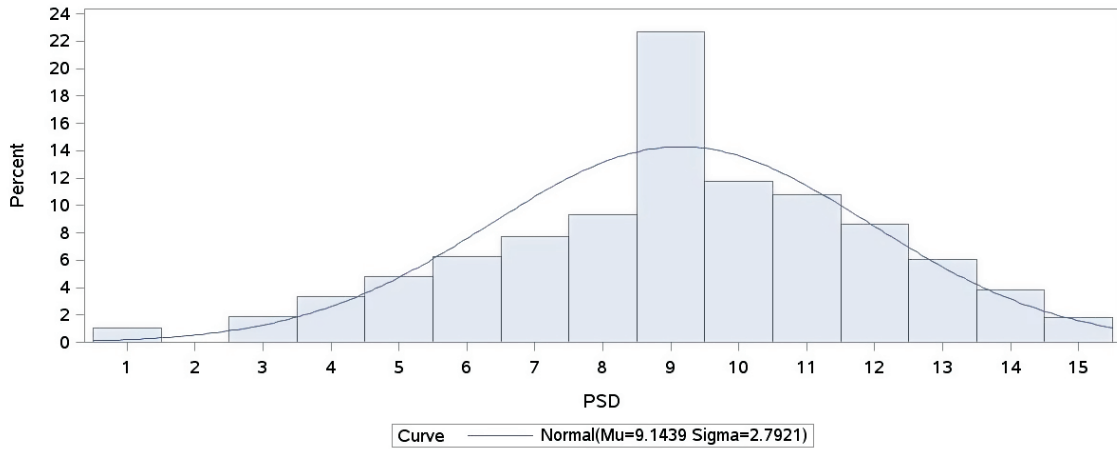


Figure A-6.24.12: Passport to Advanced Math scale score distribution

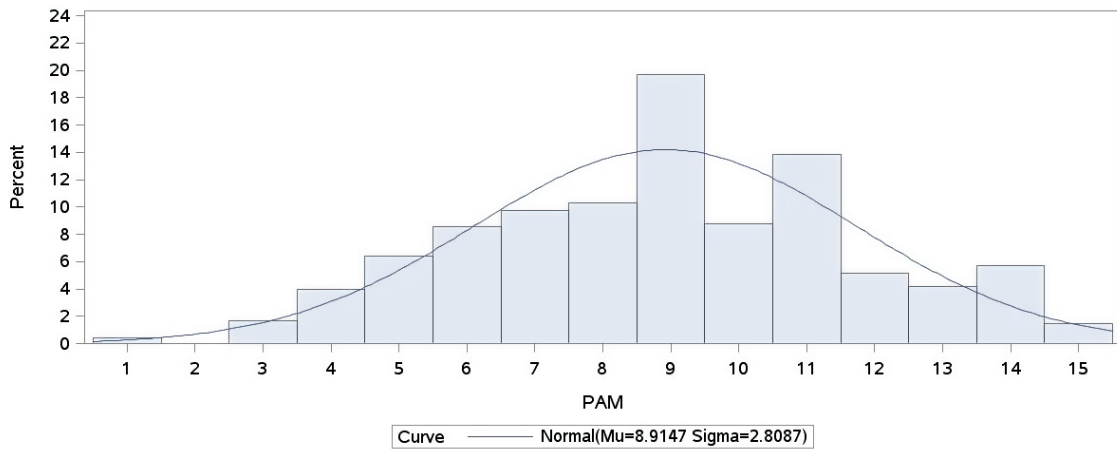


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Figure A-6.24 continued from previous page

Figure A-6.24.13: Evidence-Based Reading and Writing scale score distribution

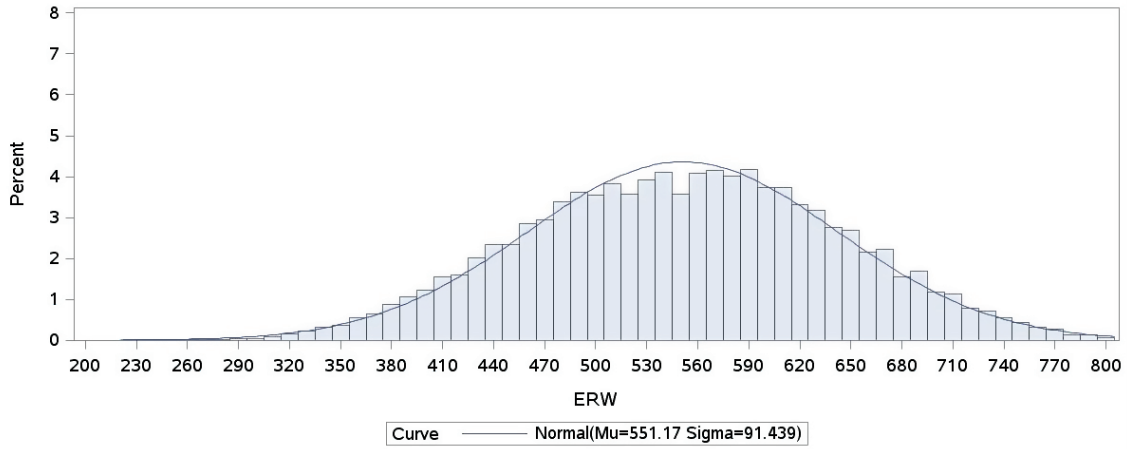


Figure A-6.24.14: Math section scale score distribution

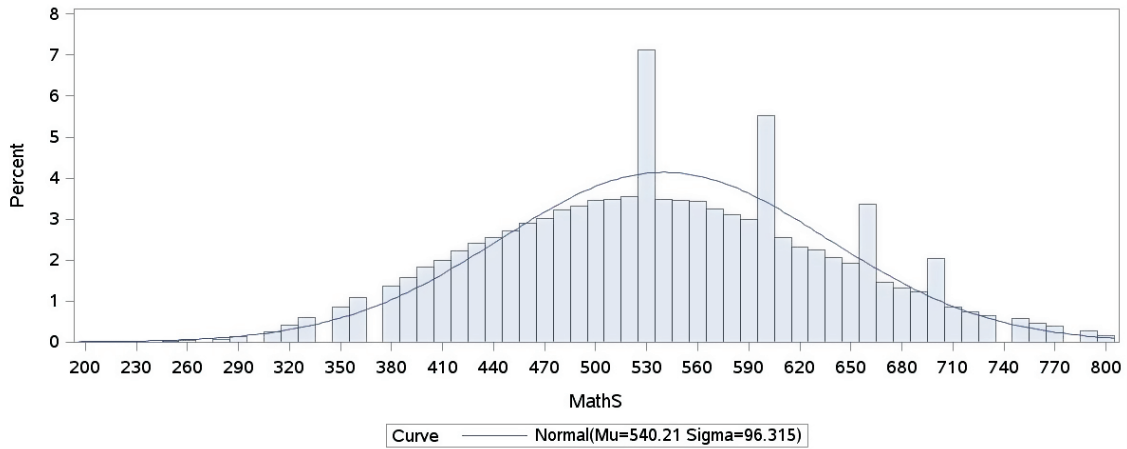


Figure A-6.24.15: Total scale score distribution

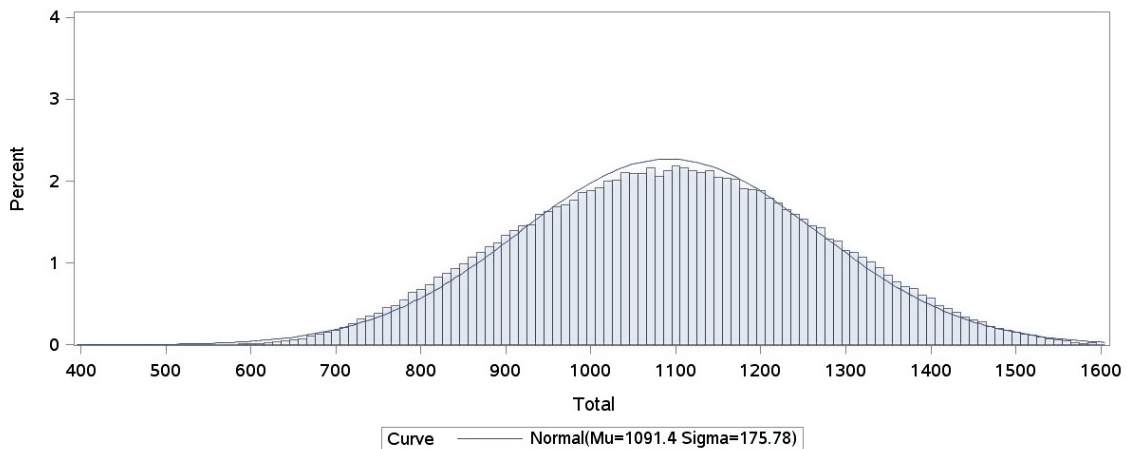


Figure A-6.25: Scale score distributions for SAT Form 3

Figure A-6.25.1: Reading Test scale score distribution

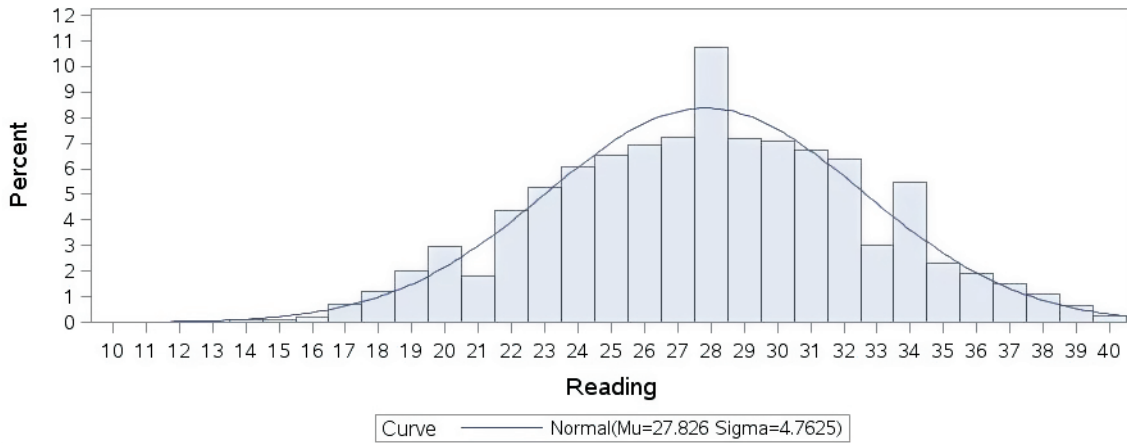


Figure A-6.25.2: Writing and Language Test scale score distribution

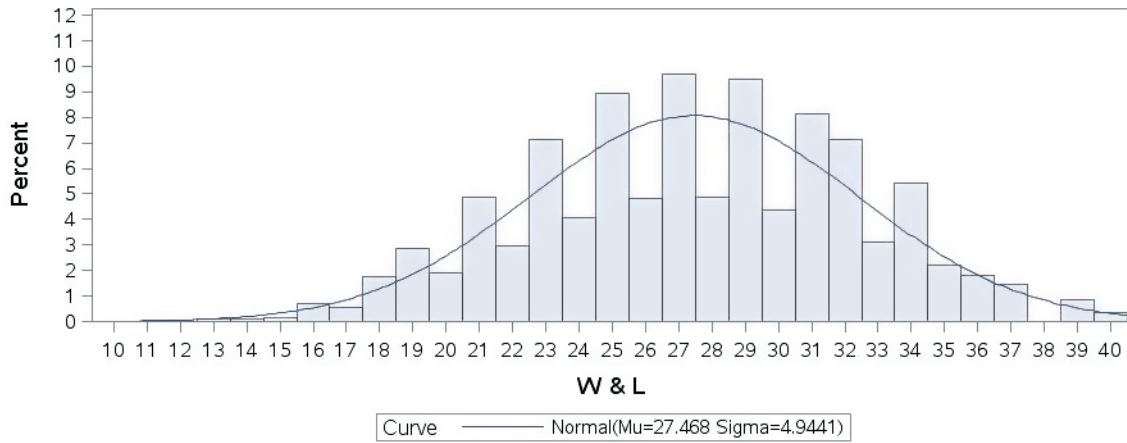


Figure A-6.25.3: Math Test scale score distribution

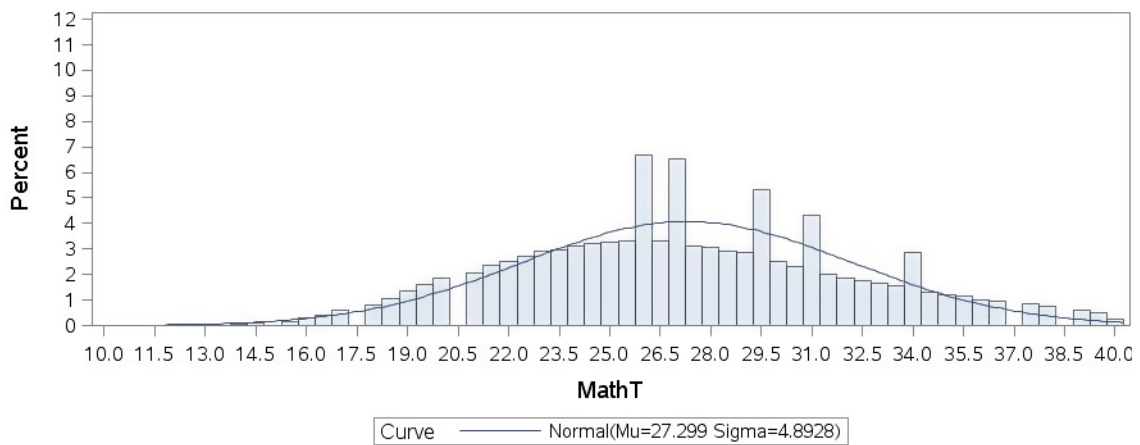


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Figure A-6.25.4: Analysis in History and Social Studies scale score distribution

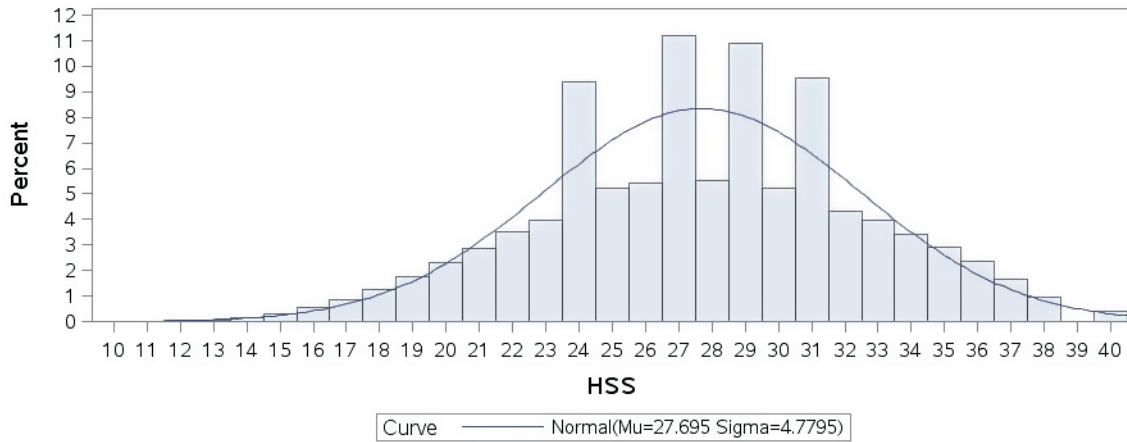


Figure A-6.25.5: Analysis in Science scale score distribution

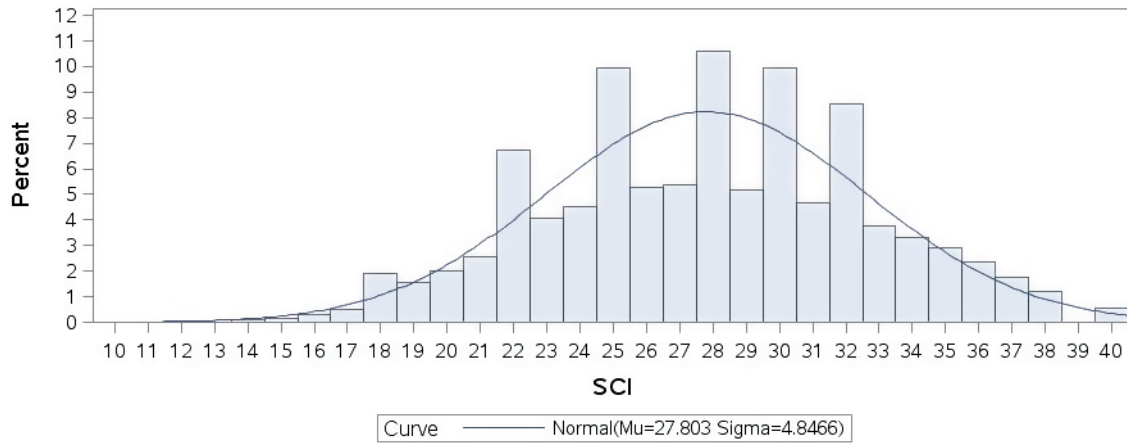


Figure A-6.25.6: Command of Evidence scale score distribution

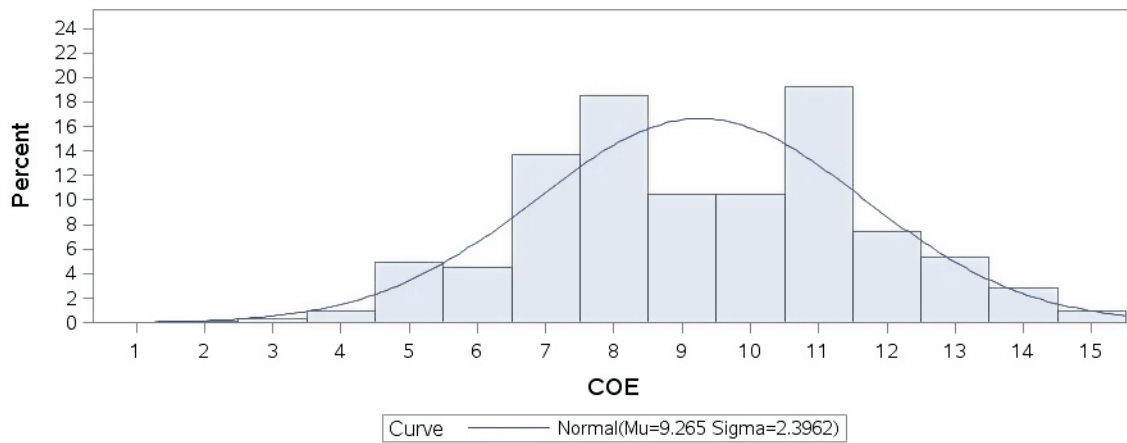


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Figure A-6.25.7: Words in Context scale score distribution

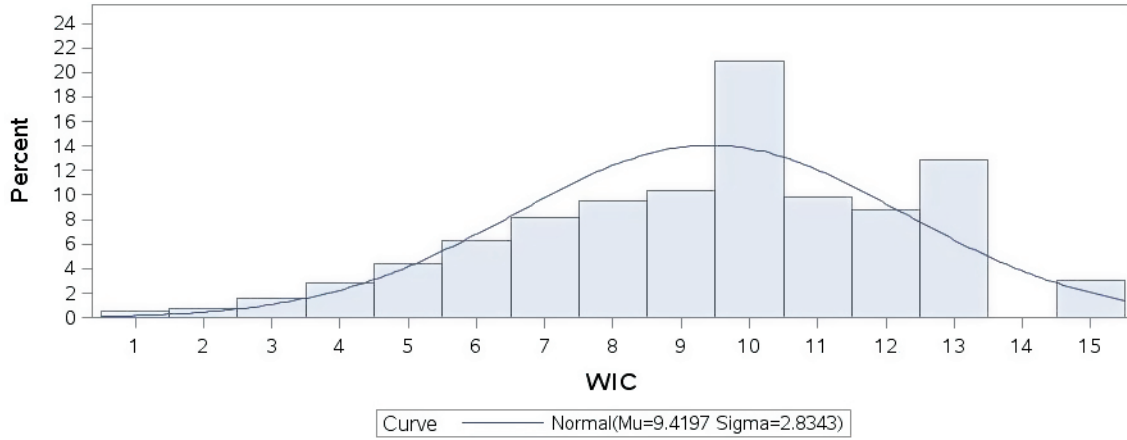


Figure A-6.25.8: Expression of Ideas scale score distribution

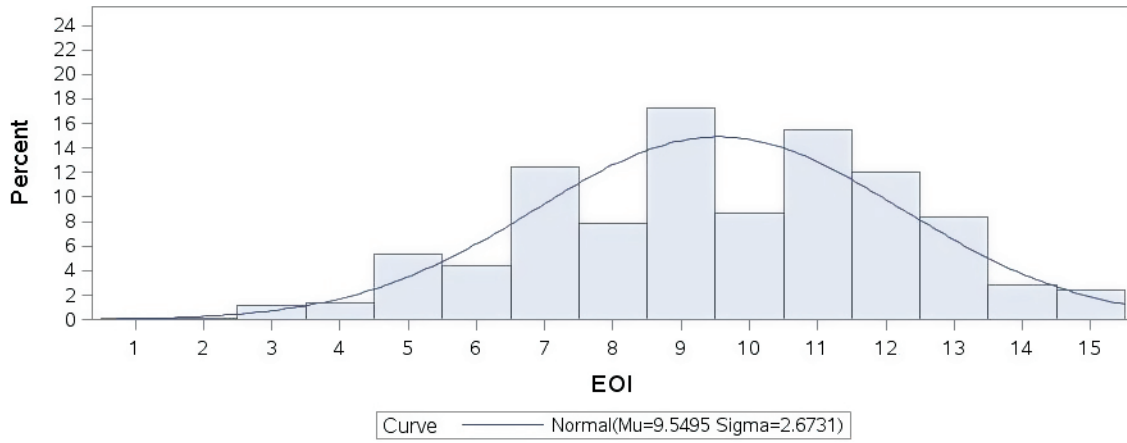


Figure A-6.25.9: Standard English Conventions scale score distribution

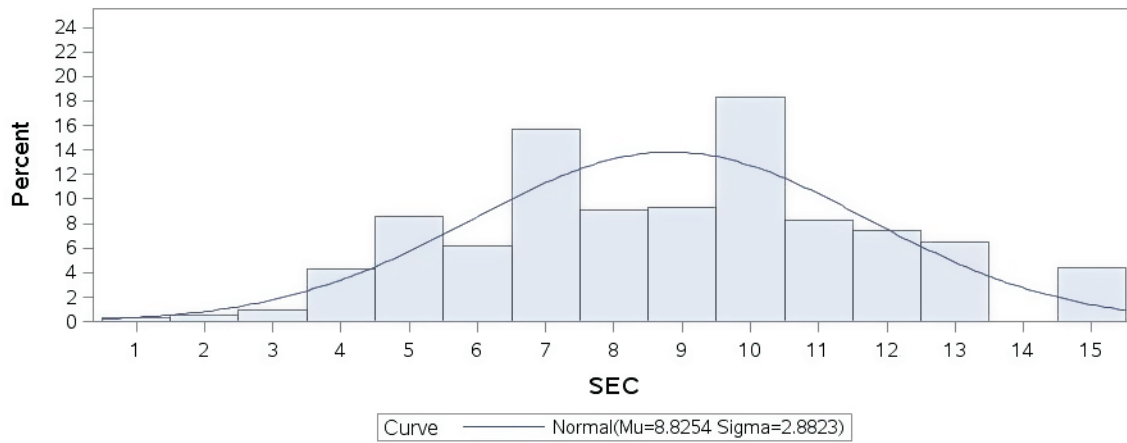


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Figure A-6.25.10: Heart of Algebra scale score distribution

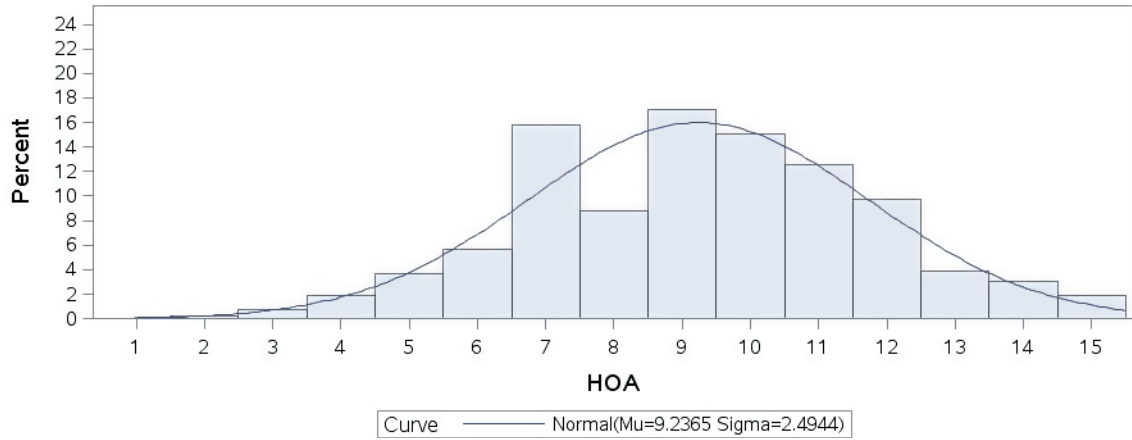


Figure A-6.25.11: Problem Solving and Data Analysis scale score distribution

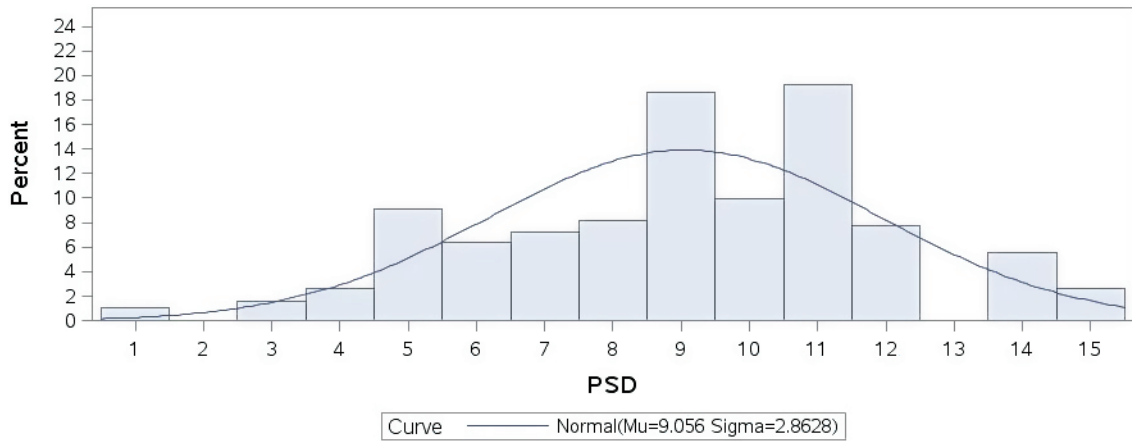


Figure A-6.25.12: Passport to Advanced Math scale score distribution

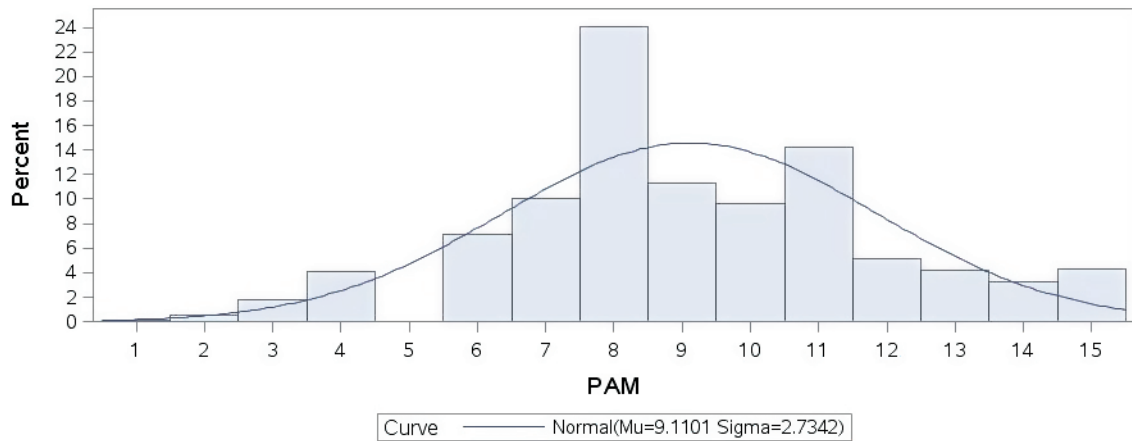


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Figure A-6.25.13: Evidence-Based Reading and Writing scale score distribution

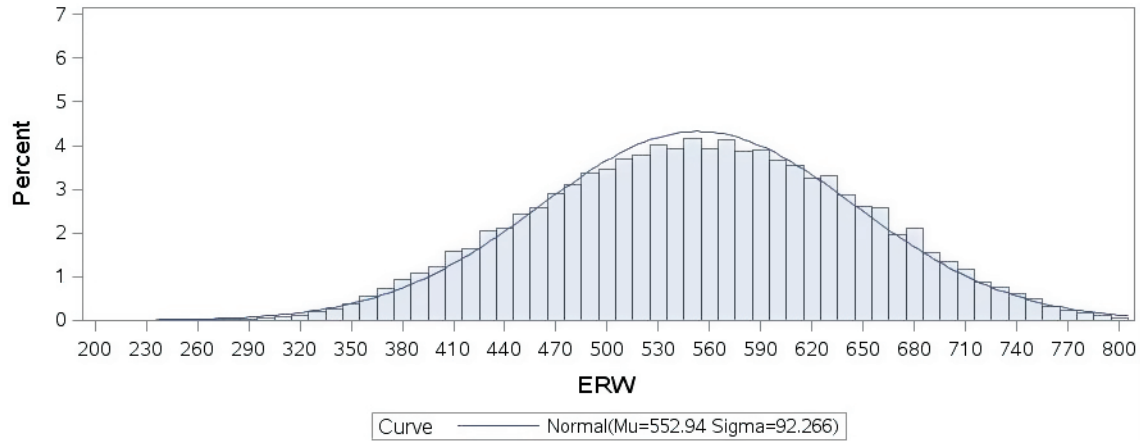


Figure A-6.25.14: Math section scale score distribution

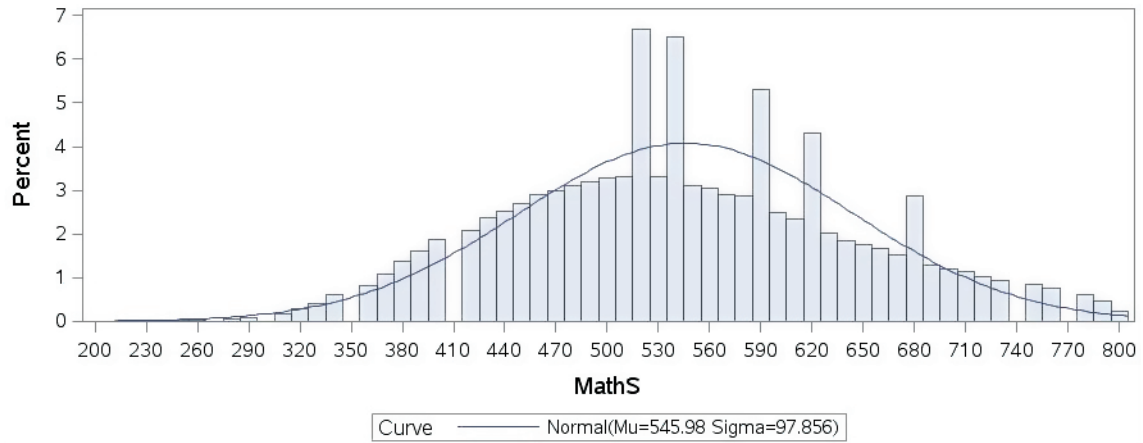


Figure A-6.25.15: Total scale score distribution

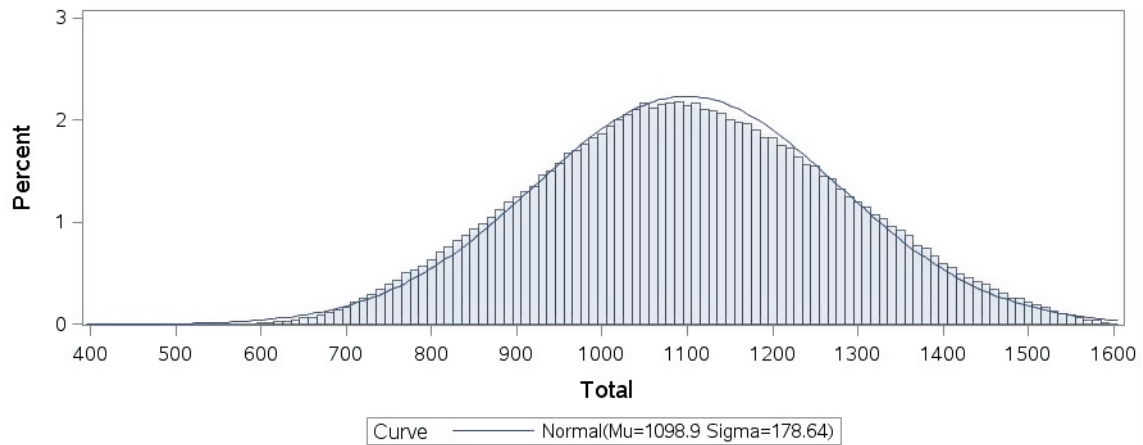


Figure A-6.26: Scale score distributions for PSAT/NMSQT and PSAT 10 Form 1

Figure A-6.26.1: Reading Test scale score distribution

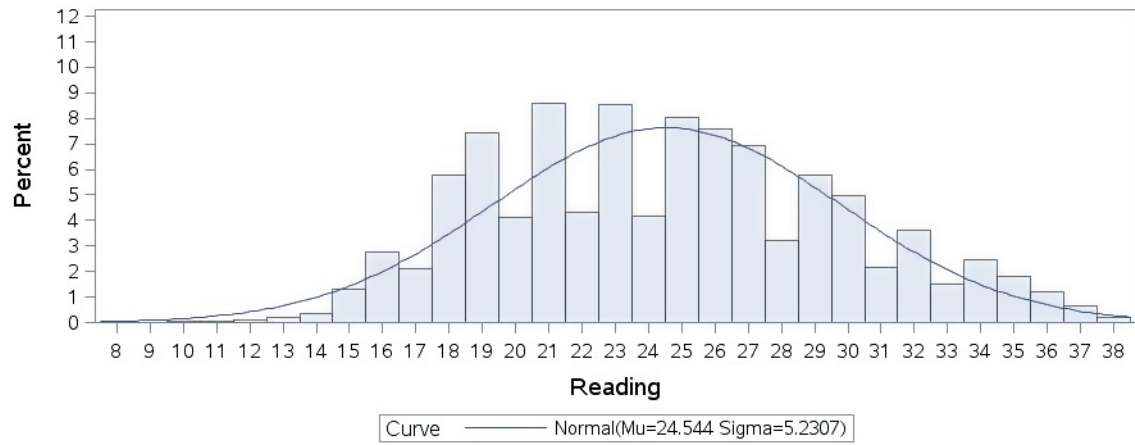


Figure A-6.26.2: Writing and Language Test scale score distribution

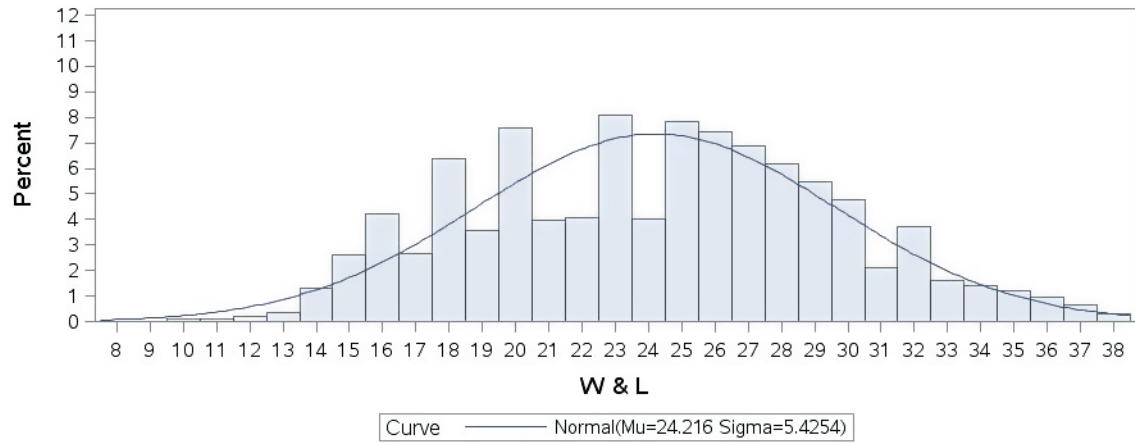


Figure A-6.26.3: Math Test scale score distribution

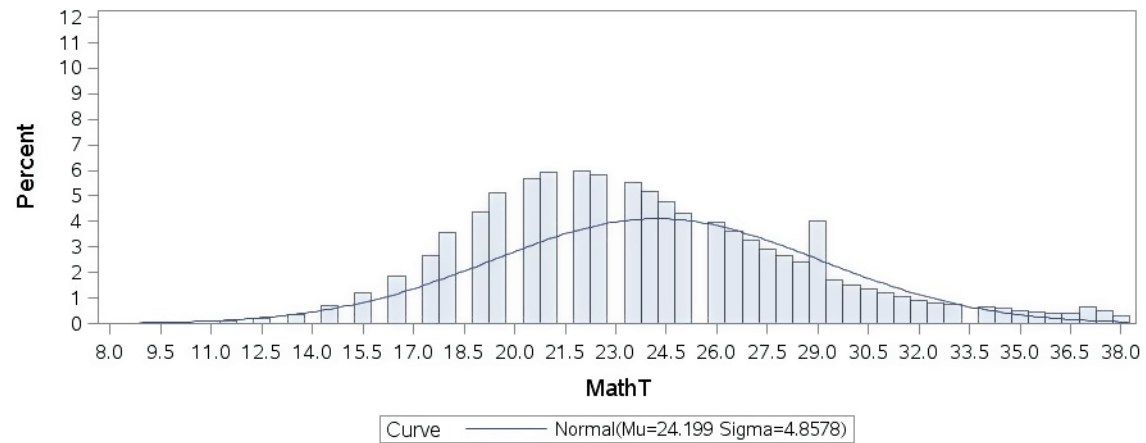


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Figure A-6.26.4: Analysis in History and Social Studies scale score distribution

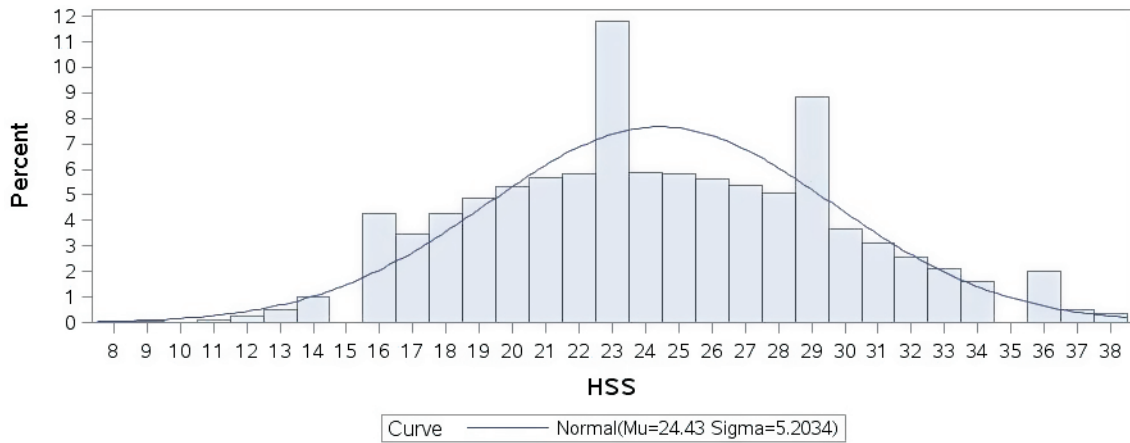


Figure A-6.26.5: Analysis in Science scale score distribution

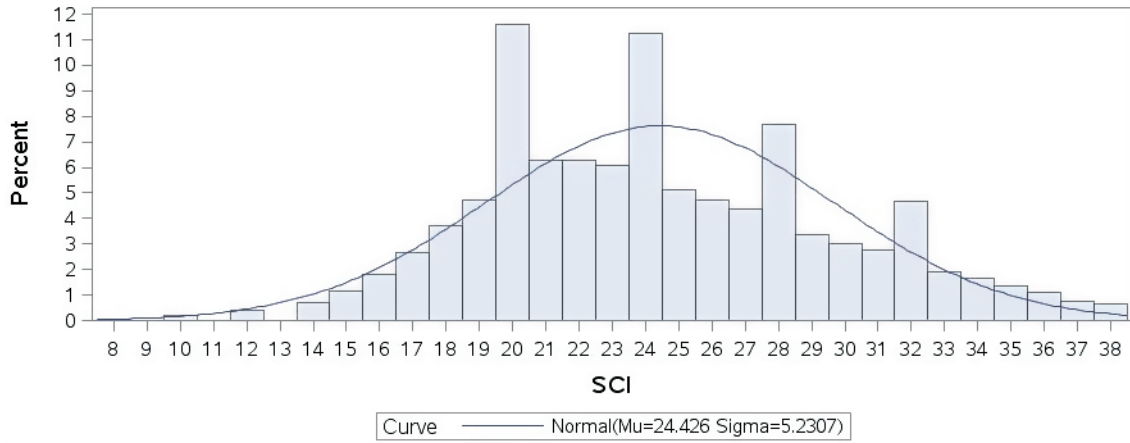


Figure A-6.26.6: Command of Evidence scale score distribution

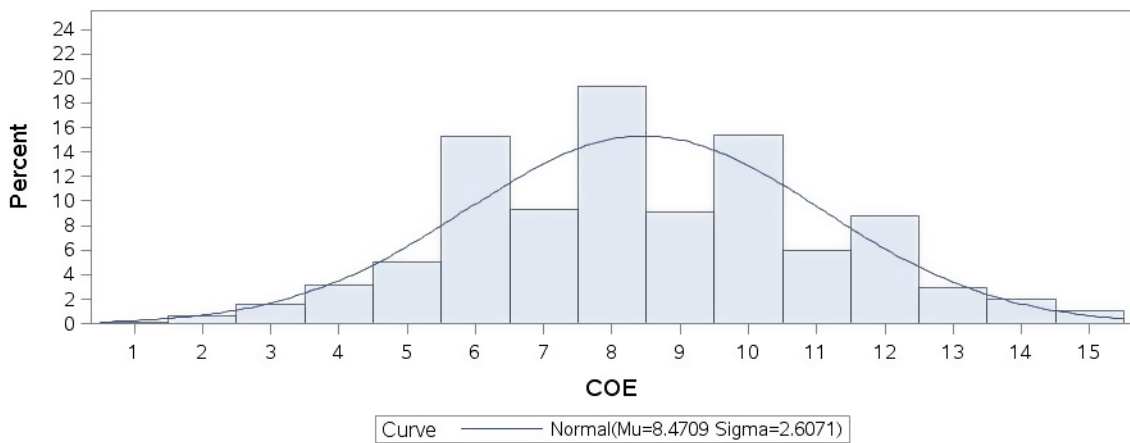


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Figure A-6.26.7: Words in Context scale score distribution

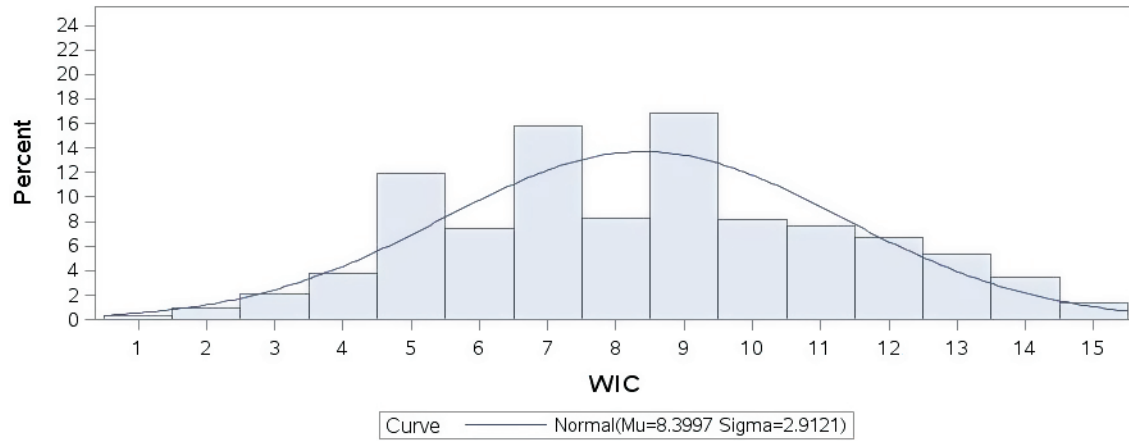


Figure A-6.26.8: Expression of Ideas scale score distribution

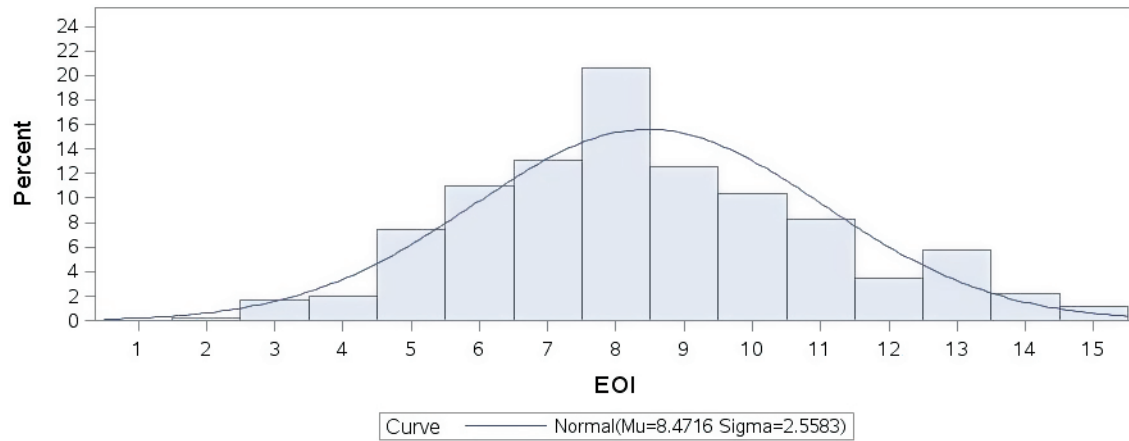


Figure A-6.26.9: Standard English Conventions scale score distribution

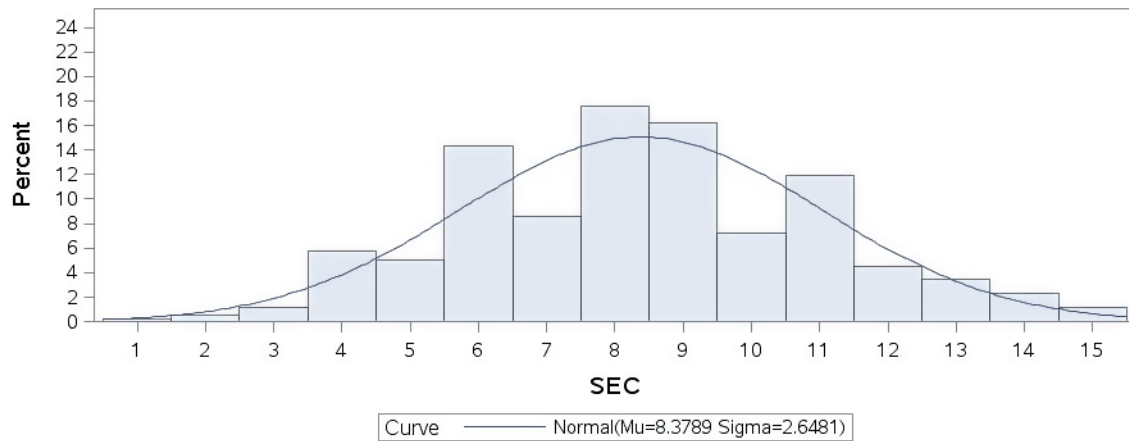


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Figure A-6.26.10: Heart of Algebra scale score distribution

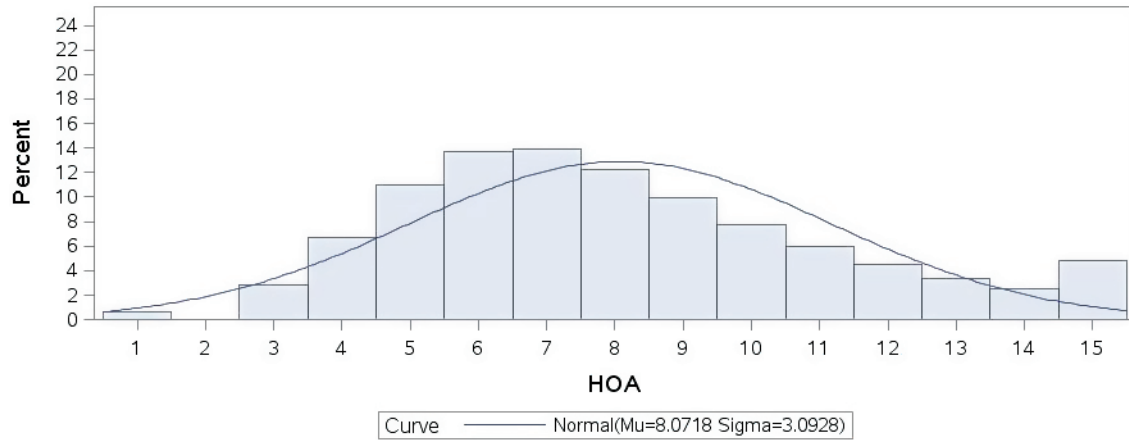


Figure A-6.26.11: Problem Solving and Data Analysis scale score distribution

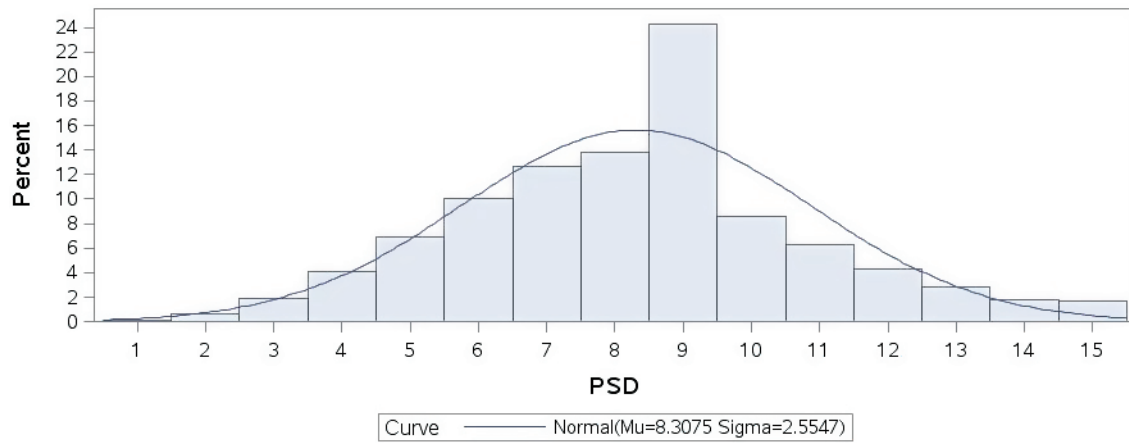


Figure A-6.26.12: Passport to Advanced Math scale score distribution

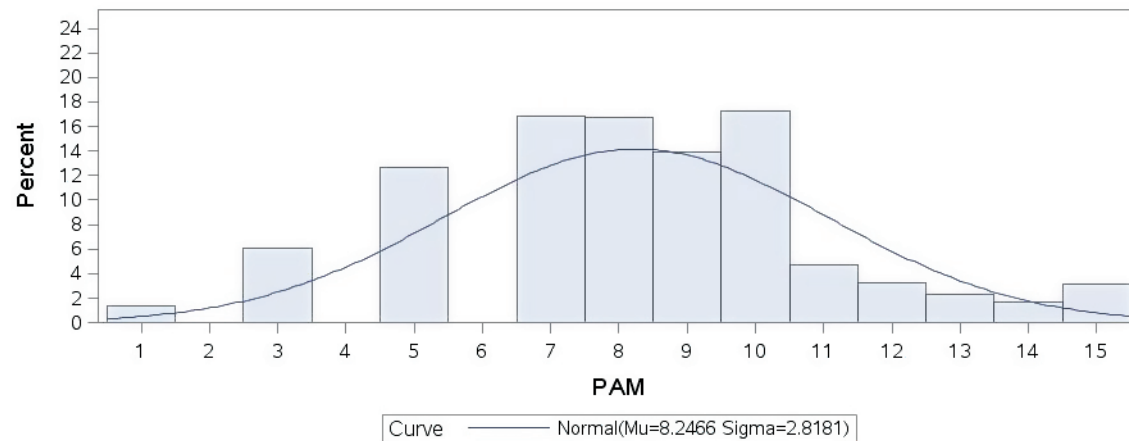


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Figure A-6.26.13: Evidence-Based Reading and Writing scale score distribution

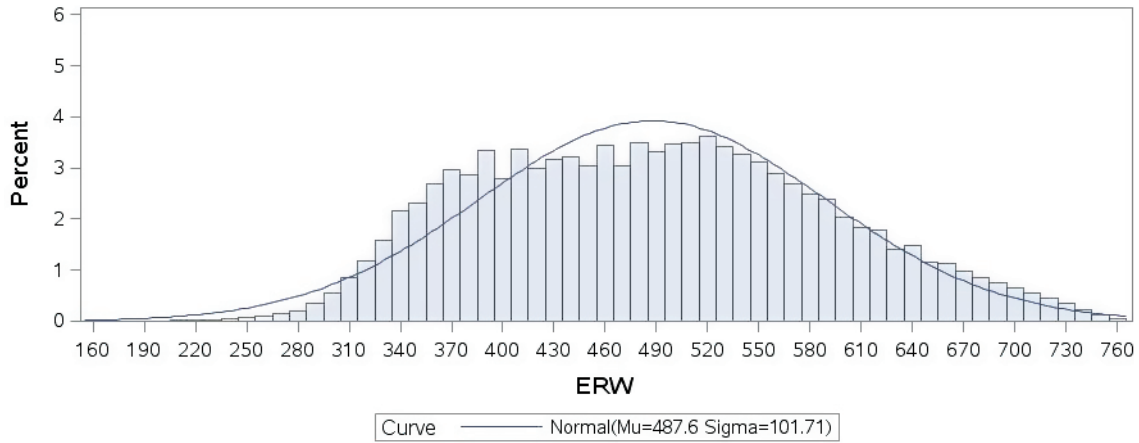


Figure A-6.26.14: Math section scale score distribution

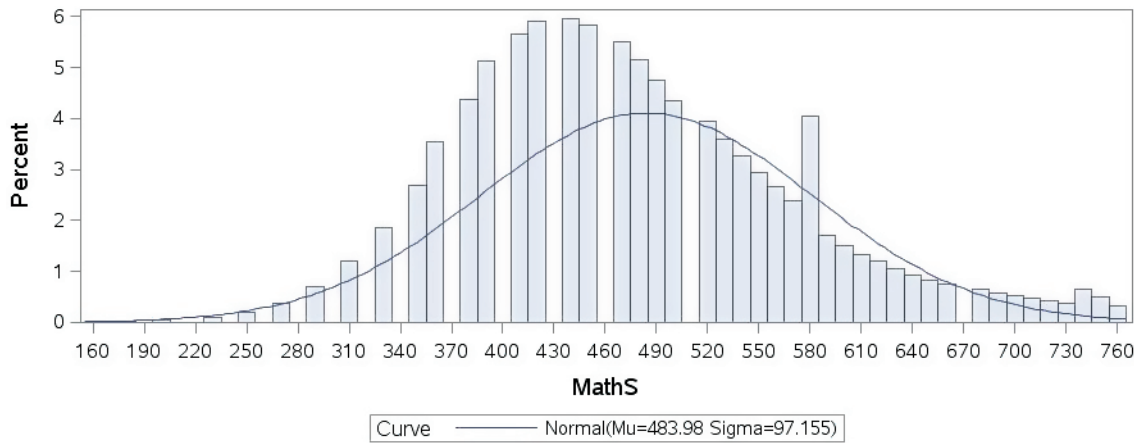


Figure A-6.26.15: Total scale score distribution

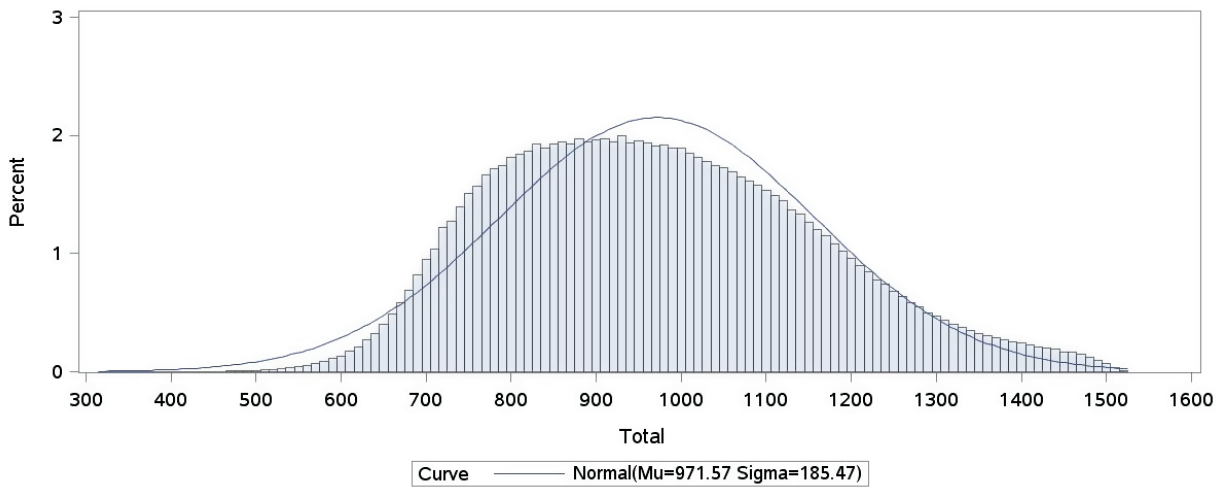


Figure A-6.27: Scale score distributions for PSAT/NMSQT and PSAT 10 Form 2

Figure A-6.27.1: Reading Test scale score distribution

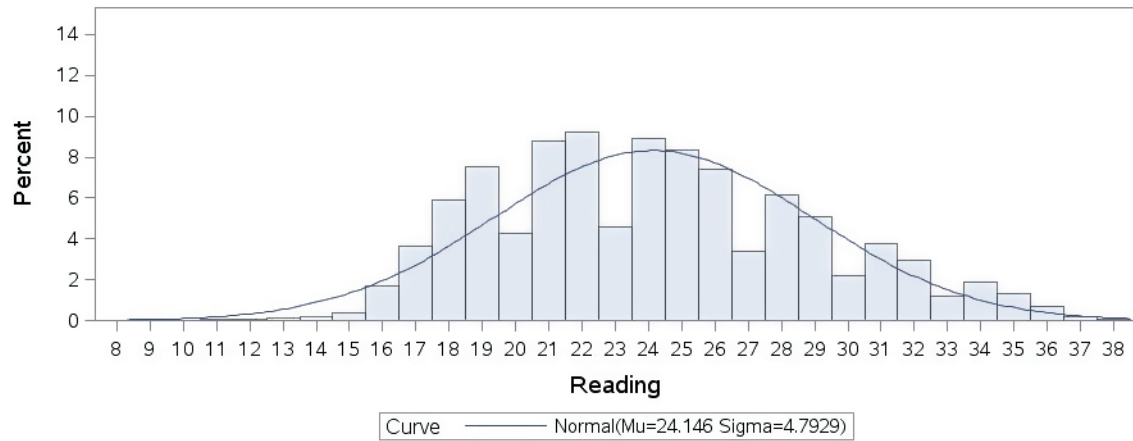


Figure A-6.27.2: Writing and Language Test scale score distribution

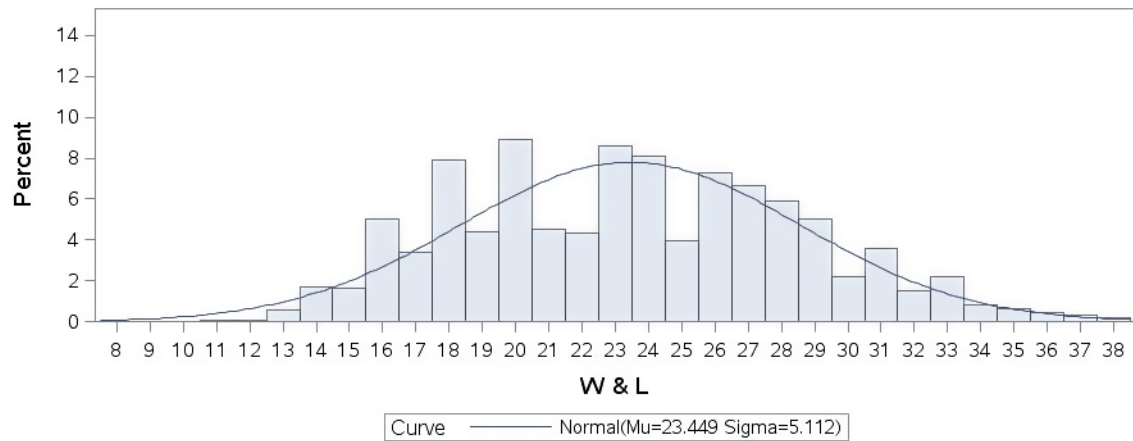


Figure A-6.27.3: Math Test scale score distribution

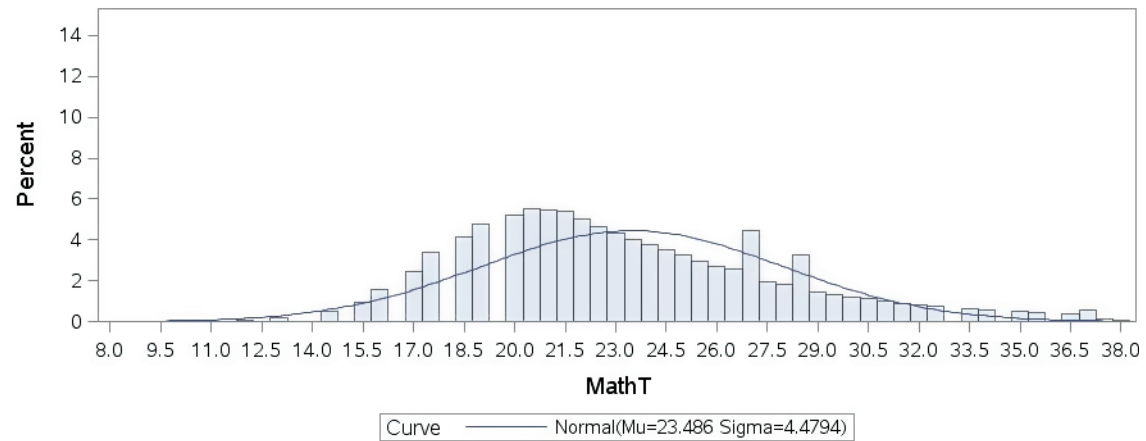


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Figure A-6.27.4: Analysis in History and Social Studies scale score distribution

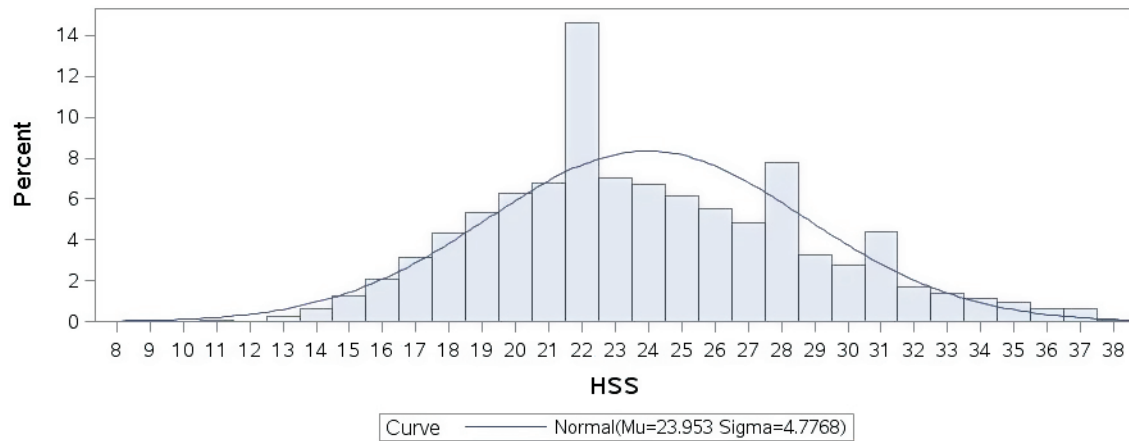


Figure A-6.27.5: Analysis in Science scale score distribution

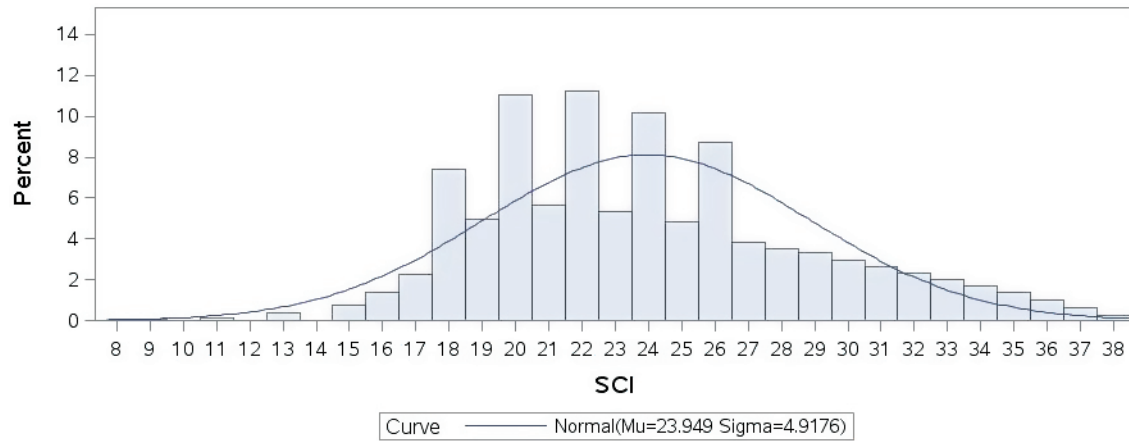


Figure A-6.27.6: Command of Evidence scale score distribution

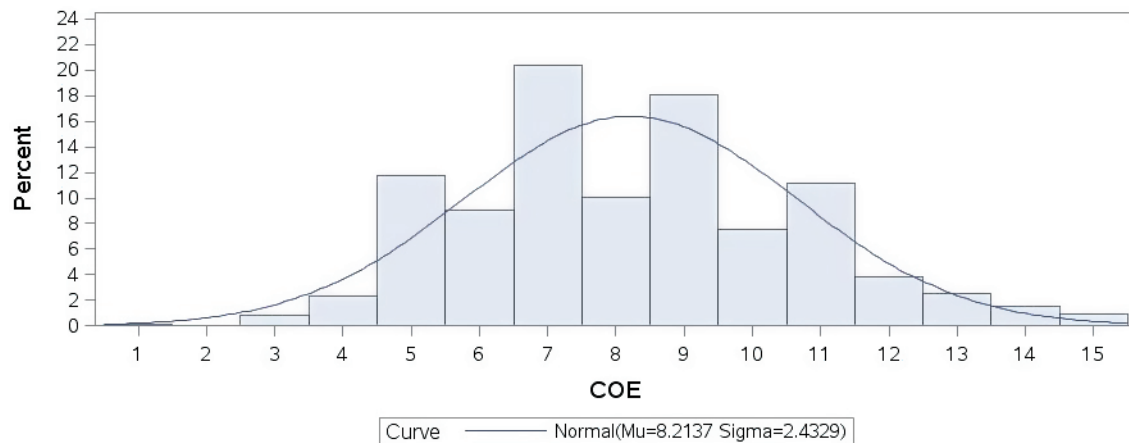


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Figure A-6.27.7: Words in Context scale score distribution

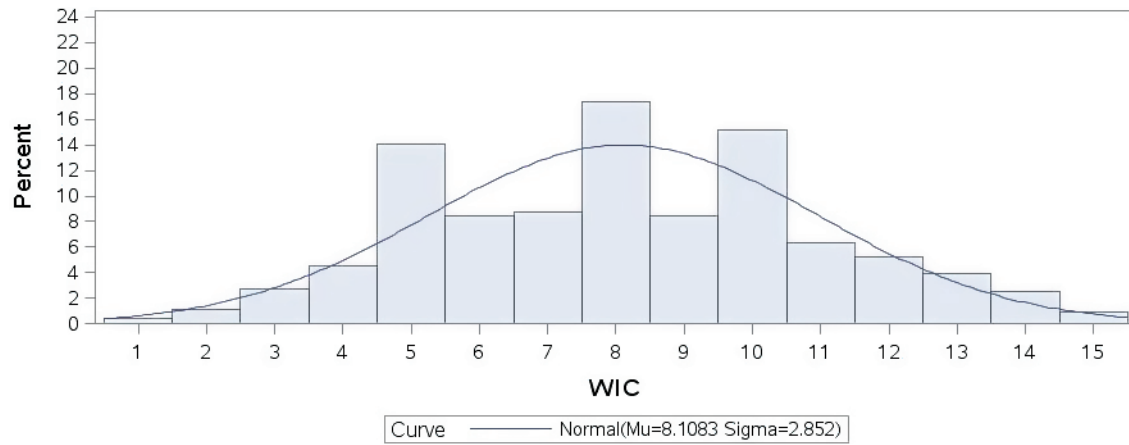


Figure A-6.27.8: Expression of Ideas scale score distribution

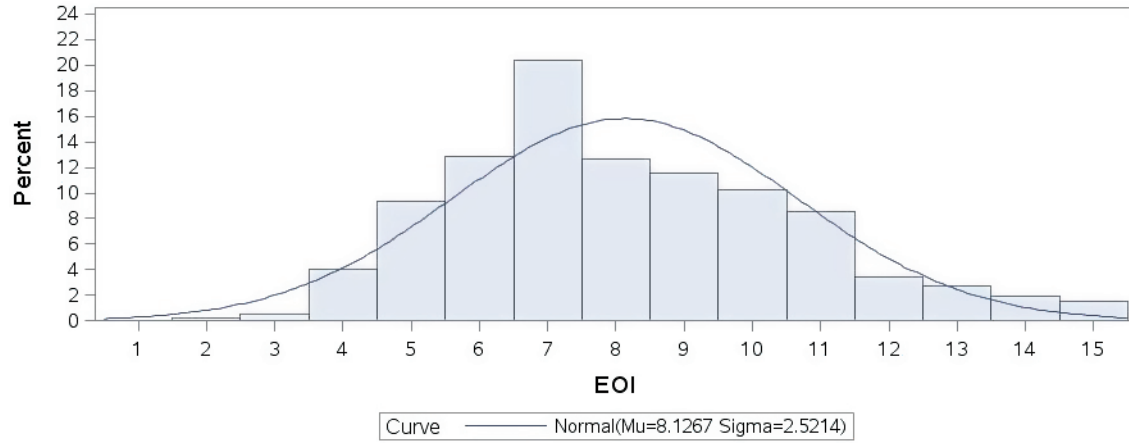


Figure A-6.27.9: Standard English Conventions scale score distribution

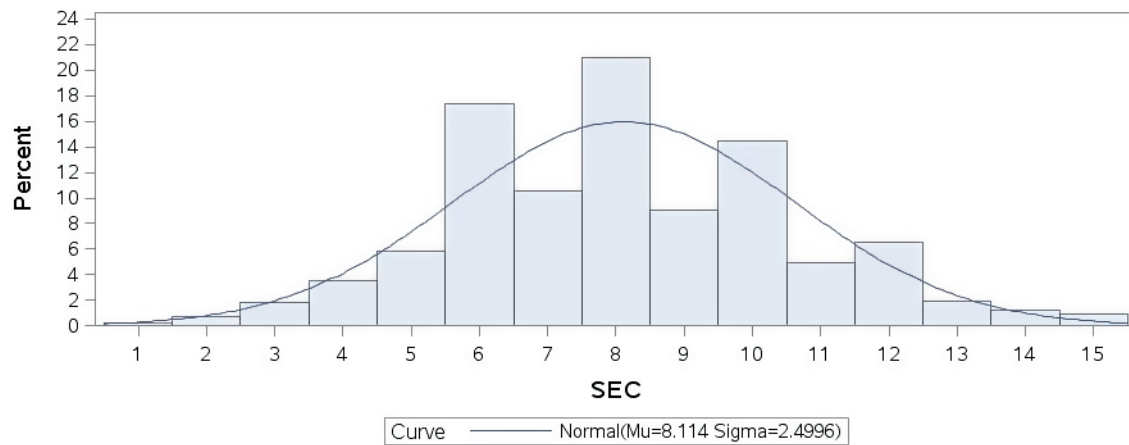


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Figure A-6.27.10: Heart of Algebra scale score distribution

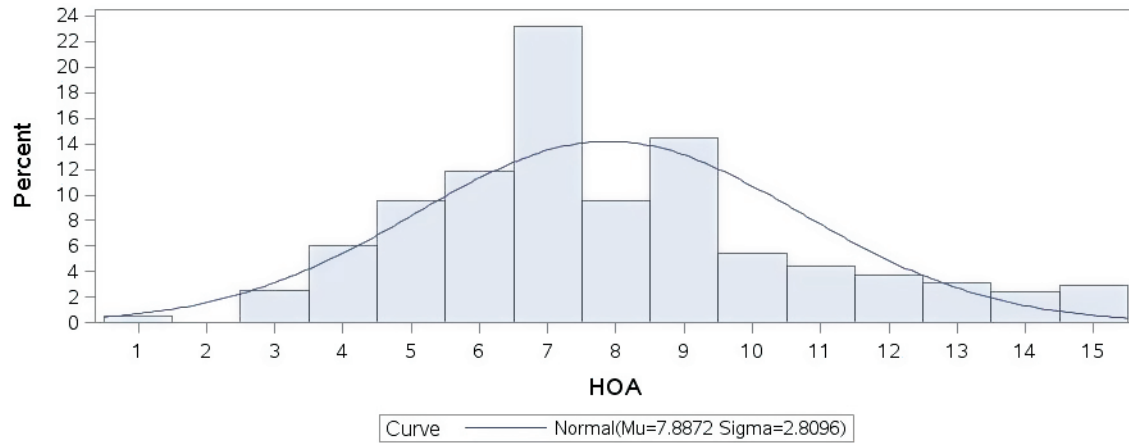


Figure A-6.27.11: Problem Solving and Data Analysis scale score distribution

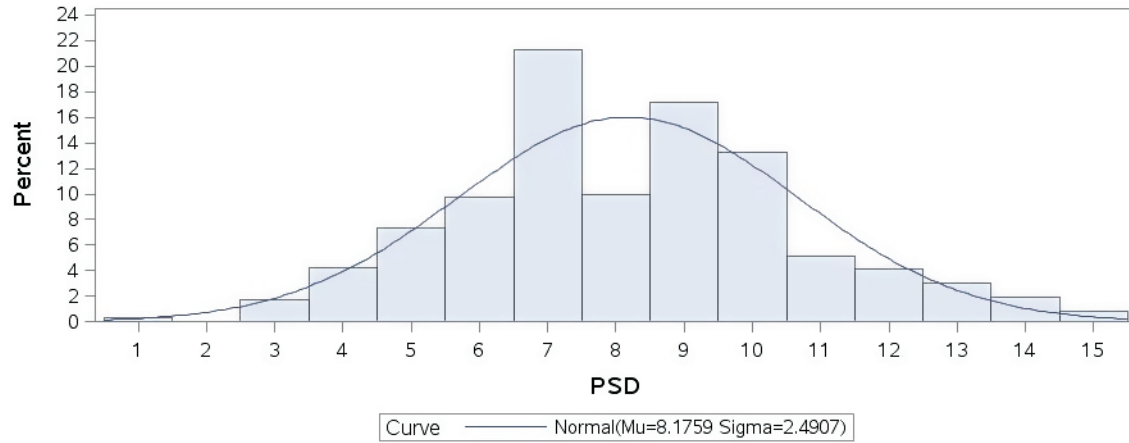


Figure A-6.27.12: Passport to Advanced Math scale score distribution

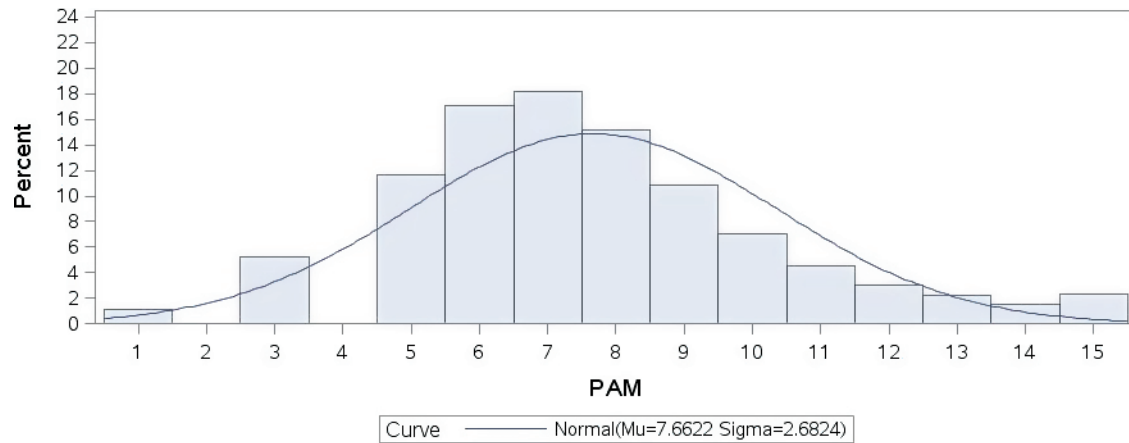


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Figure A-6.27.13: Evidence-Based Reading and Writing scale score distribution

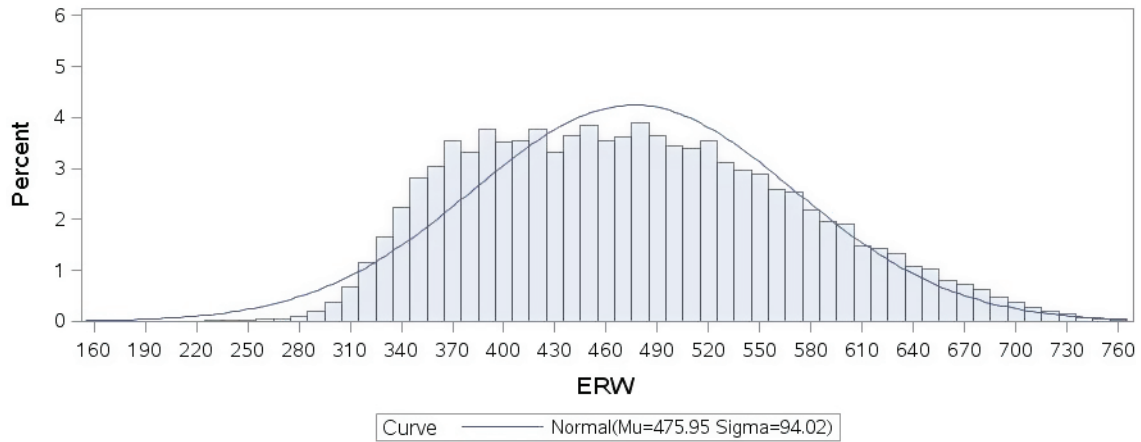


Figure A-6.27.14: Math section scale score distribution

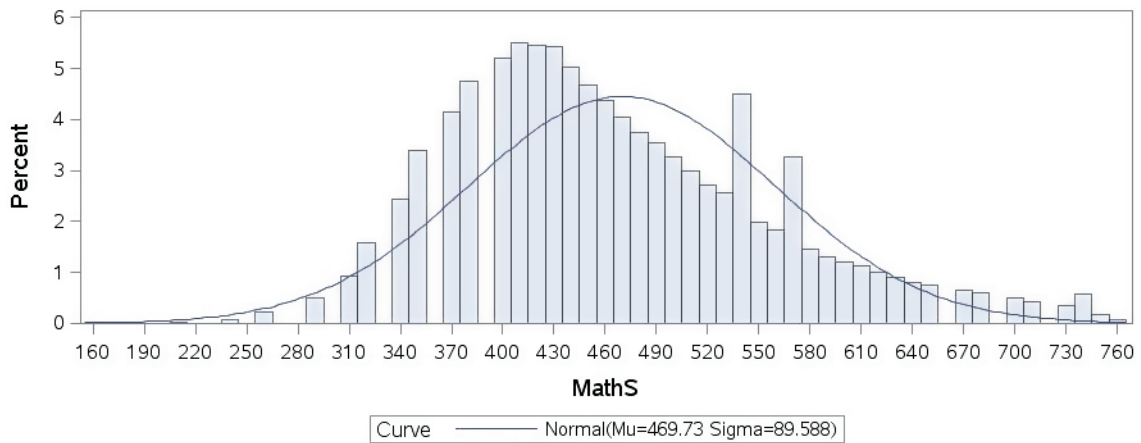


Figure A-6.27.15: Total scale score distribution

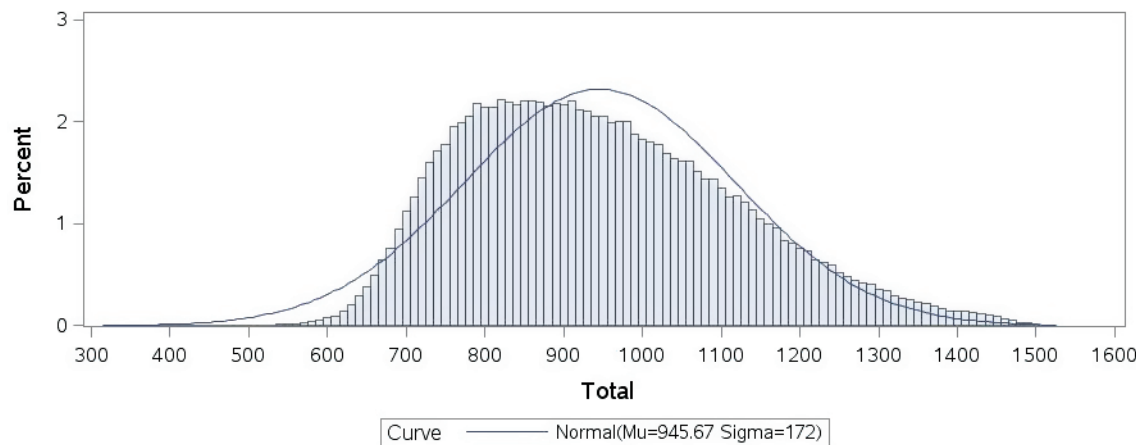


Figure A-6.28: Scale score distributions for PSAT 8/9 Form 1

Figure A-6.28.1: Reading Test scale score distribution

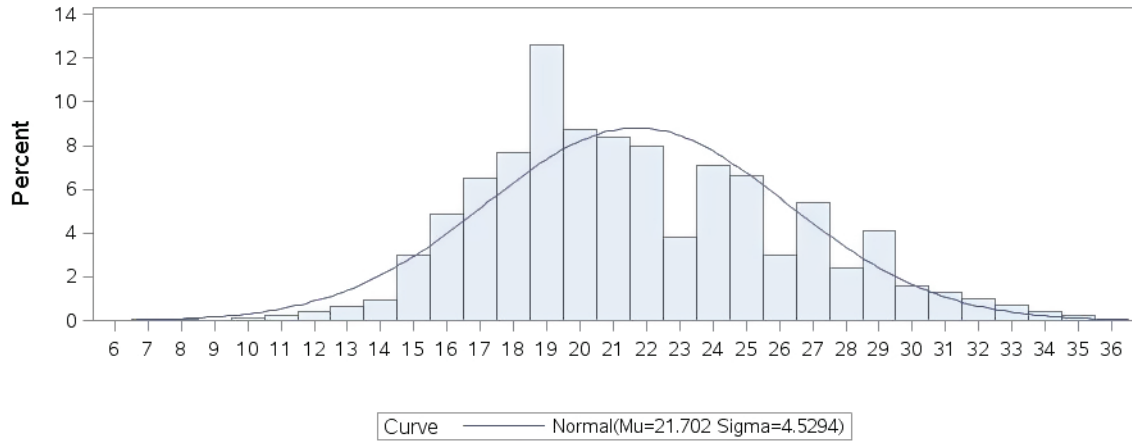


Figure A-6.28.2: Writing and Language Test scale score distribution

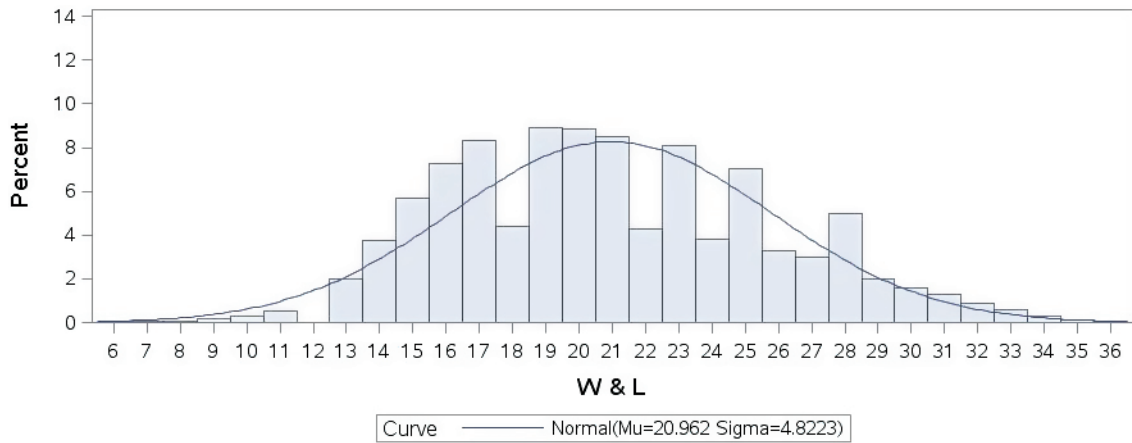


Figure A-6.28.3: Math Test scale score distribution

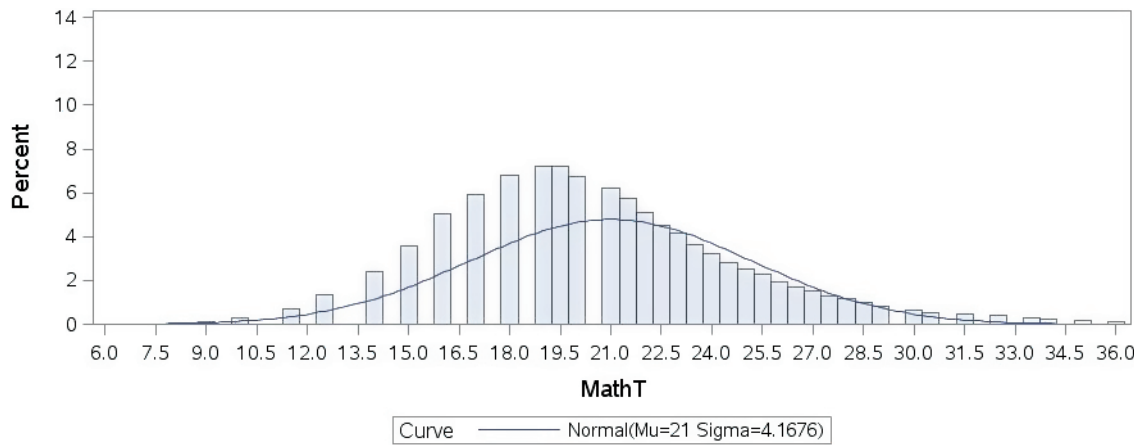


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Figure A-6.28.4: Analysis in History and Social Studies scale score distribution

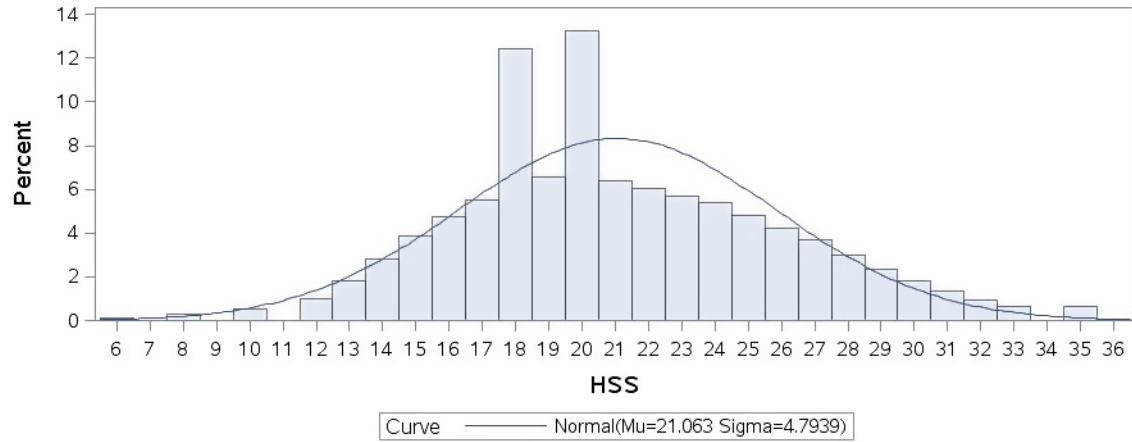


Figure A-6.28.5: Analysis in Science scale score distribution

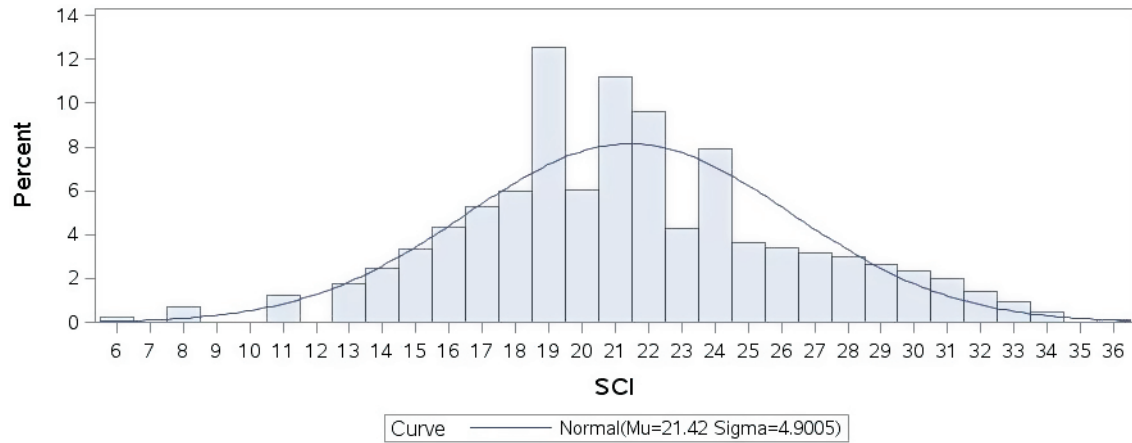


Figure A-6.28.6: Command of Evidence Scale Score Distribution

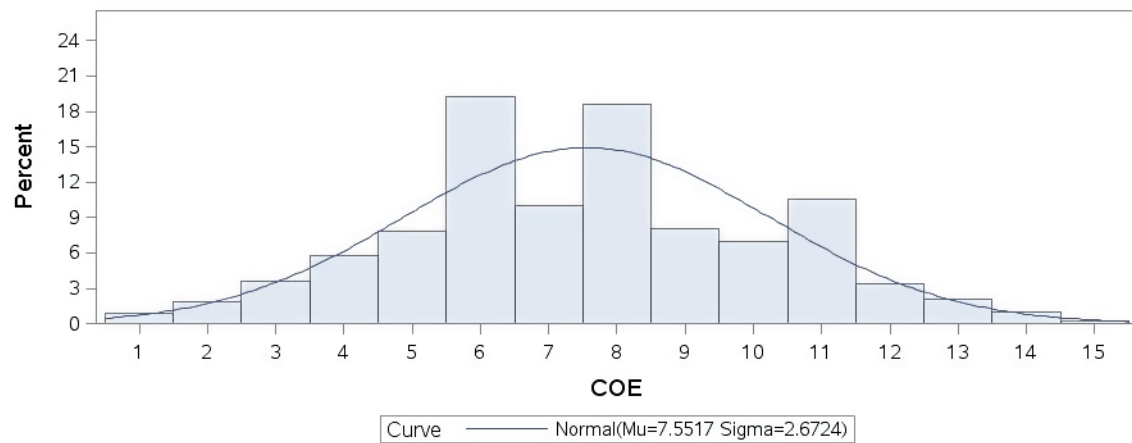


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Figure A-6.28.7: Words in Context scale score distribution

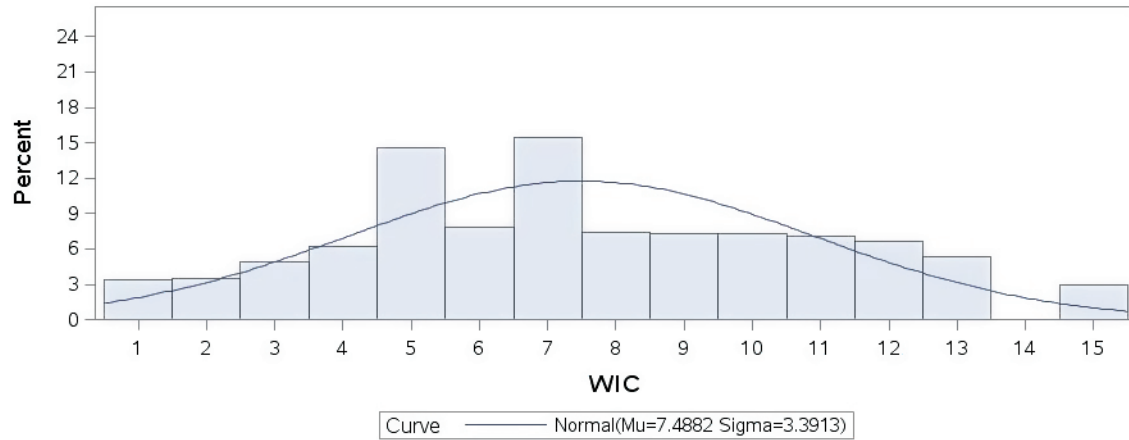


Figure A-6.28.8: Expression of Ideas scale score distribution

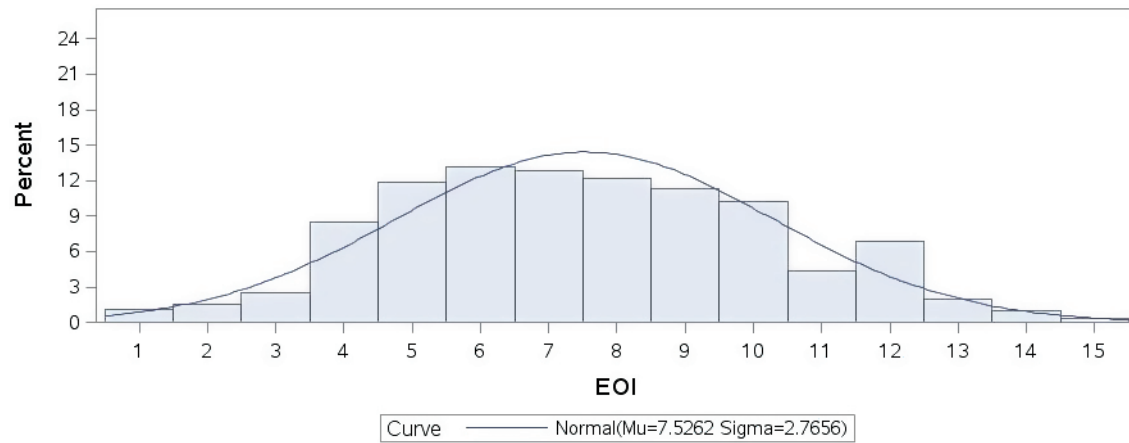


Figure A-6.28.9: Standard English Conventions scale score distribution

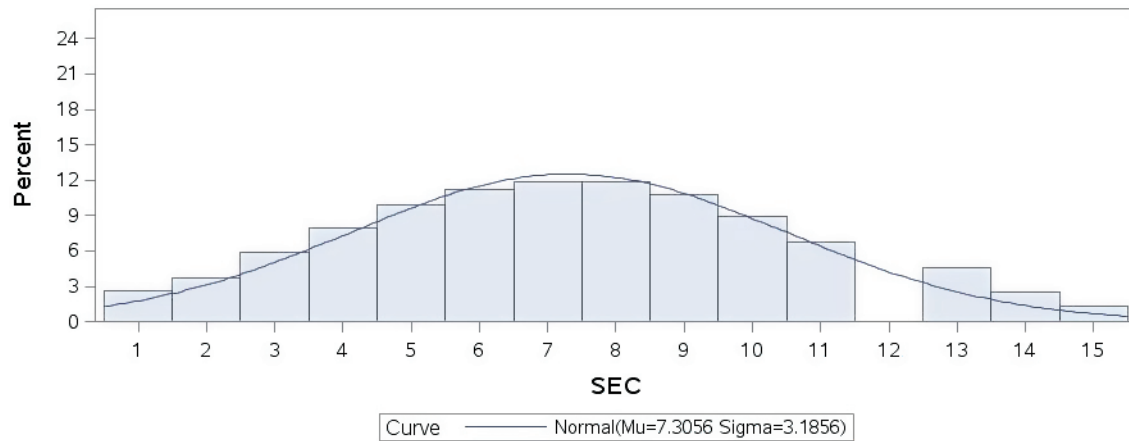


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Figure A-6.28.10: Heart of Algebra scale score distribution

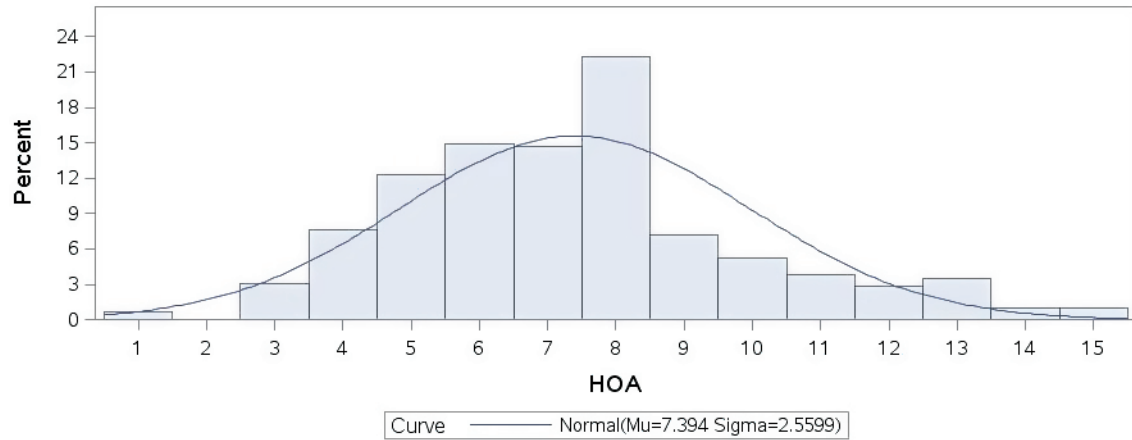


Figure A-6.28.11: Problem Solving and Data Analysis scale score distribution

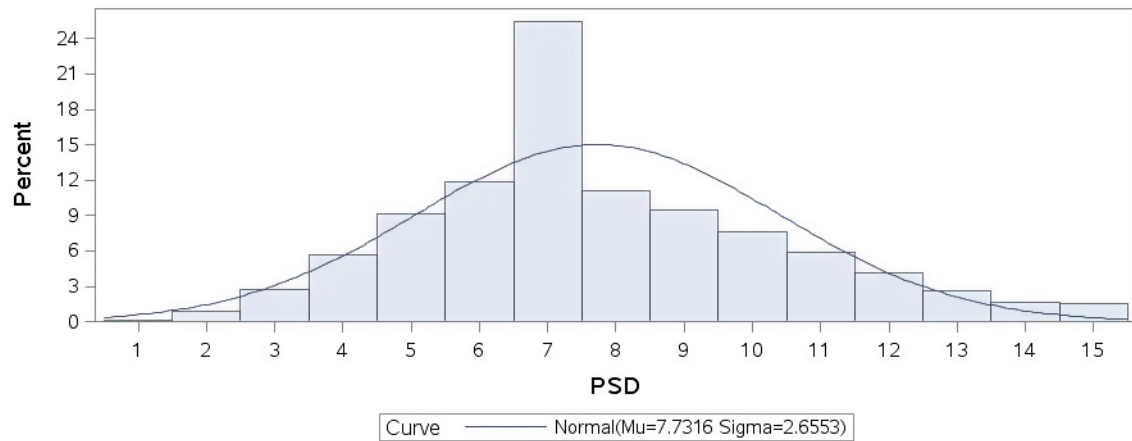


Figure A-6.28.12: Evidence-Based Reading and Writing scale score distribution

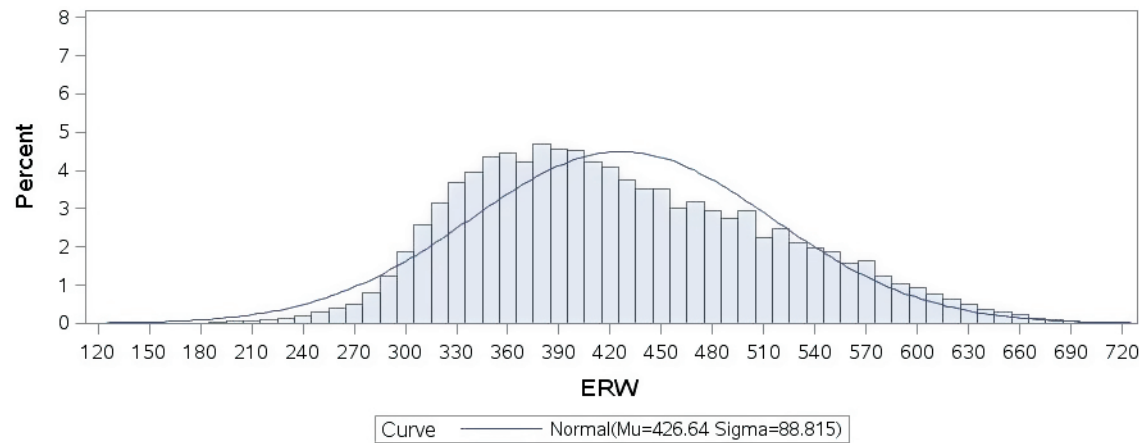


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Figure A-6.28.13: Math section scale score distribution

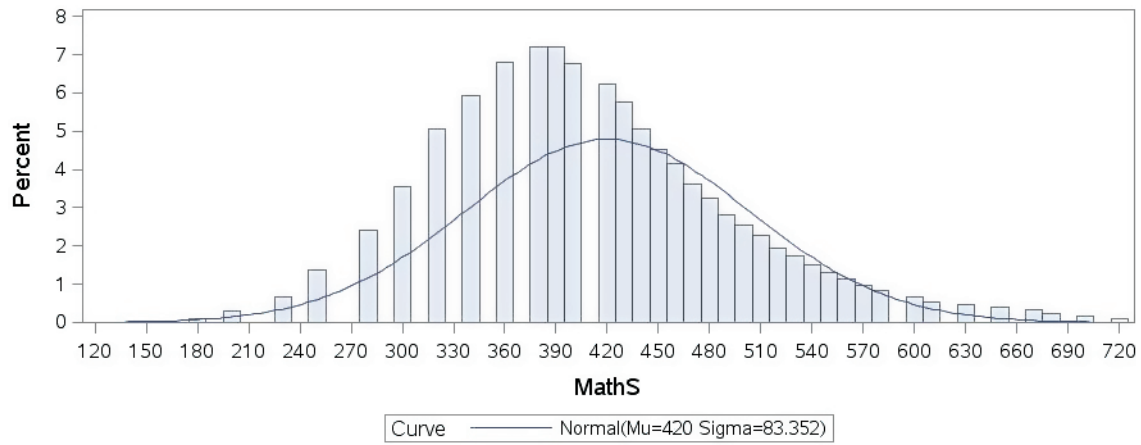


Figure A-6.28.14: Total scale score distribution

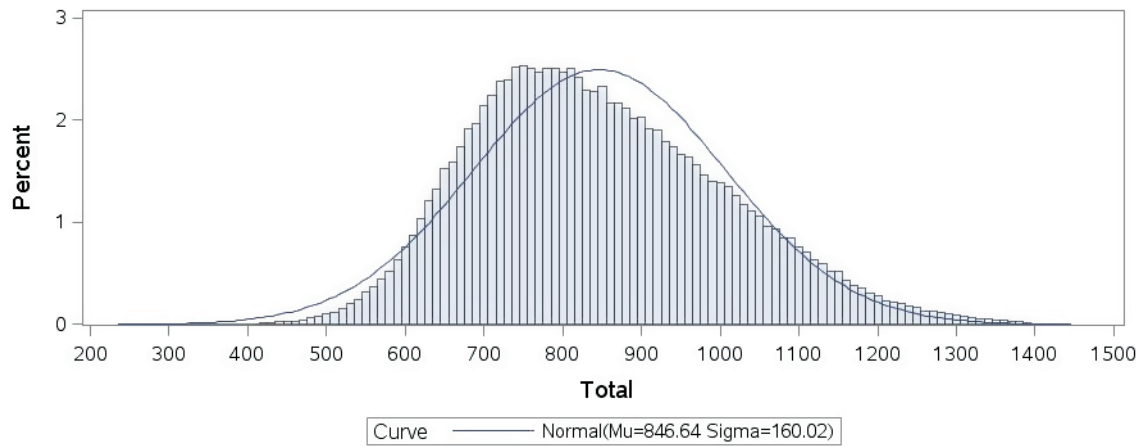


Figure A-6.29: Scale score distributions for PSAT 8/9 Form 2

Figure A-6.29.1: Reading Test scale score distribution

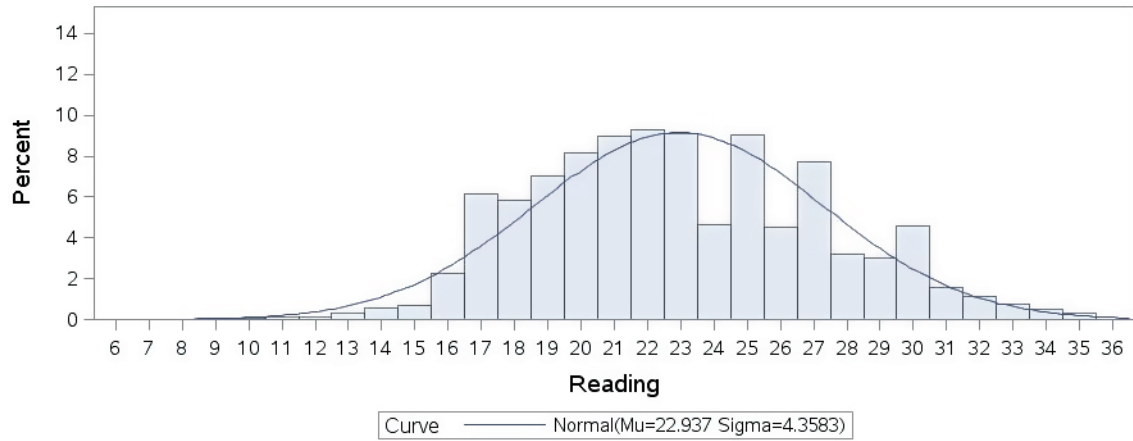


Figure A-6.29.2: Writing and Language Test scale score distribution

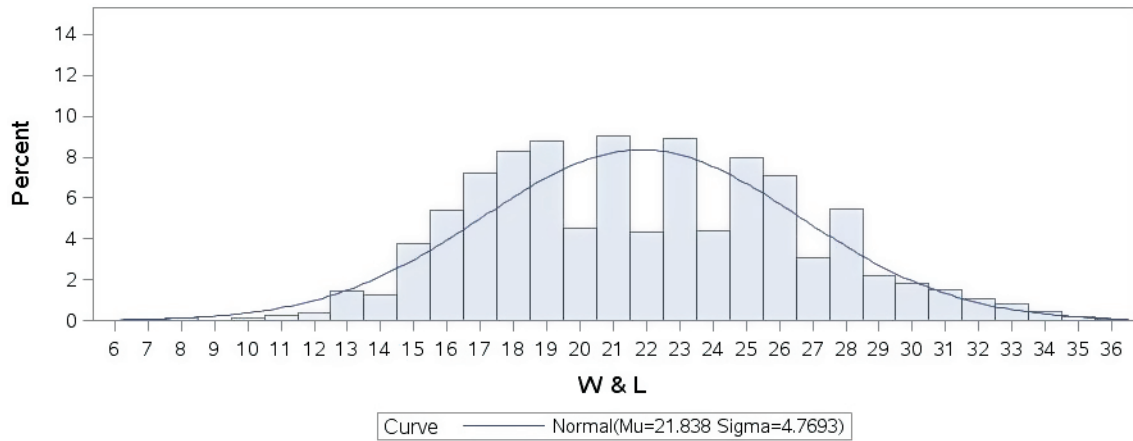


Figure A-6.29.3: Math Test scale score distribution

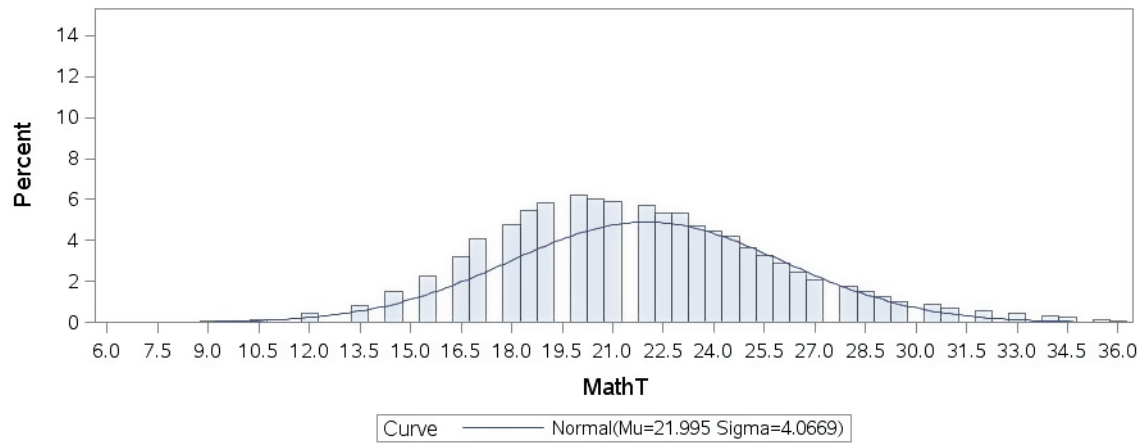


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Figure A-6.29.4: Analysis in History and Social Studies scale score distribution

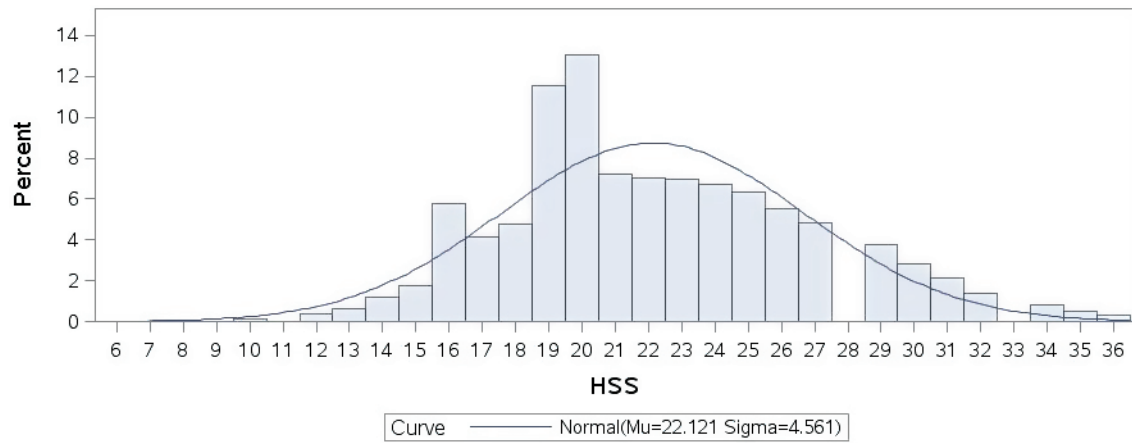


Figure A-6.29.5: Analysis in Science scale score distribution

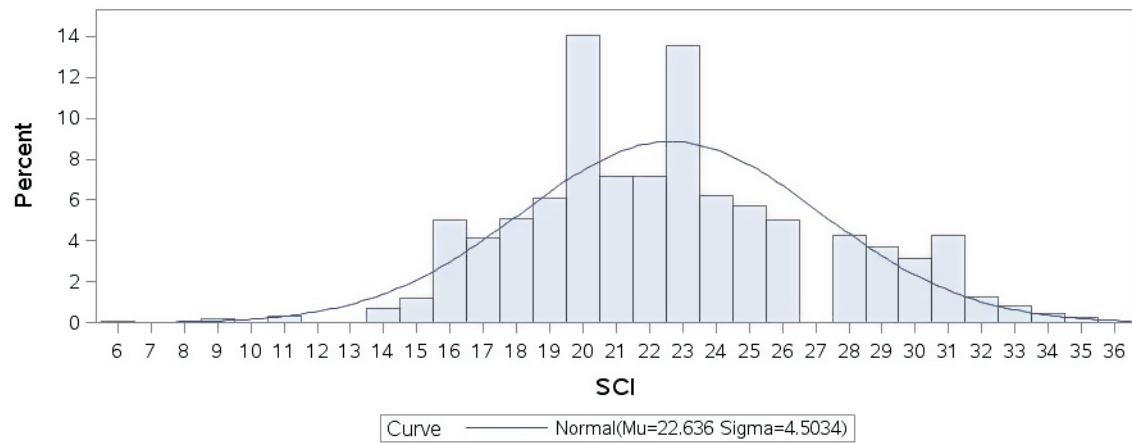


Figure A-6.29.6: Command of Evidence scale score distribution

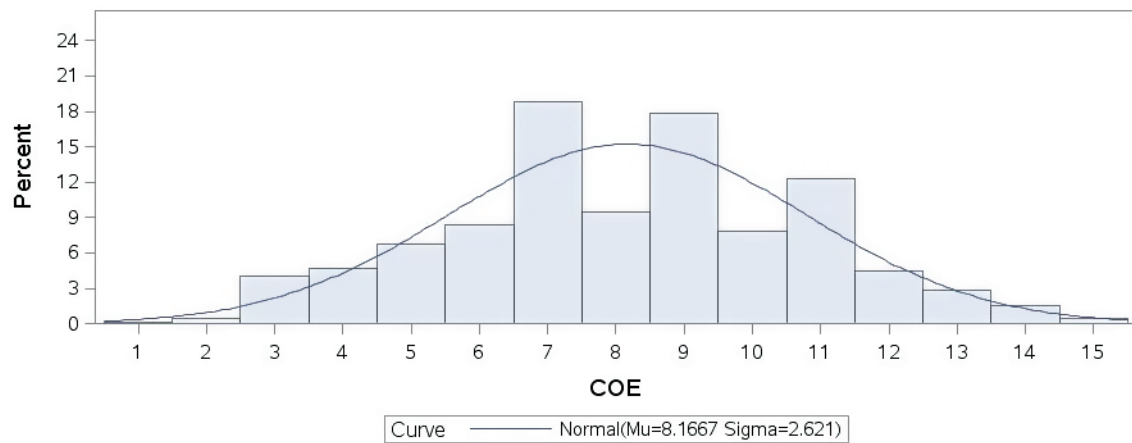


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Figure A-6.29.7: Words in Context scale score distribution

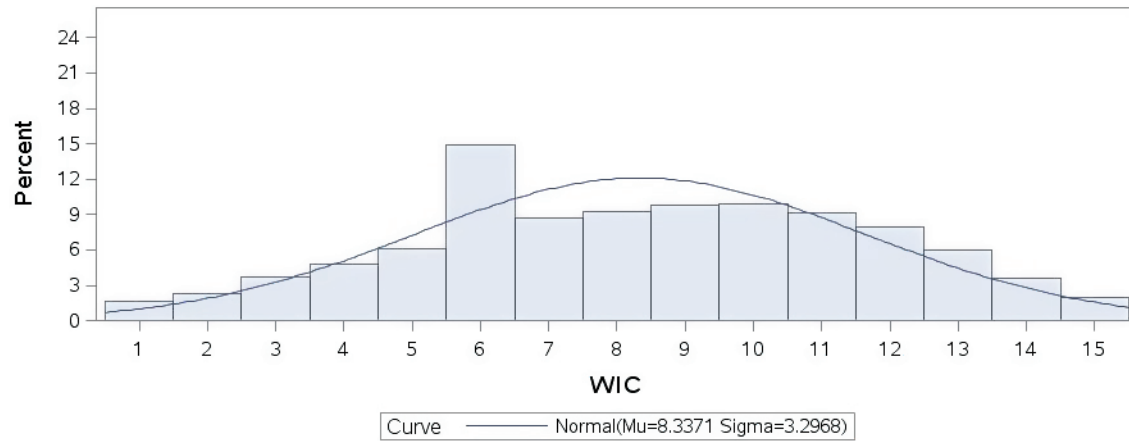


Figure A-6.29.8: Expression of Ideas scale score distribution

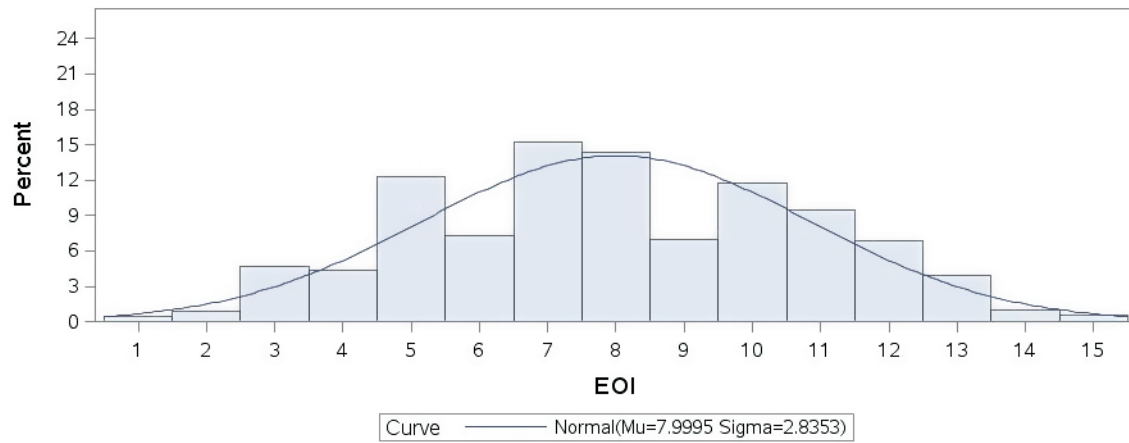


Figure A-6.29.9: Standard English Conventions scale score distribution

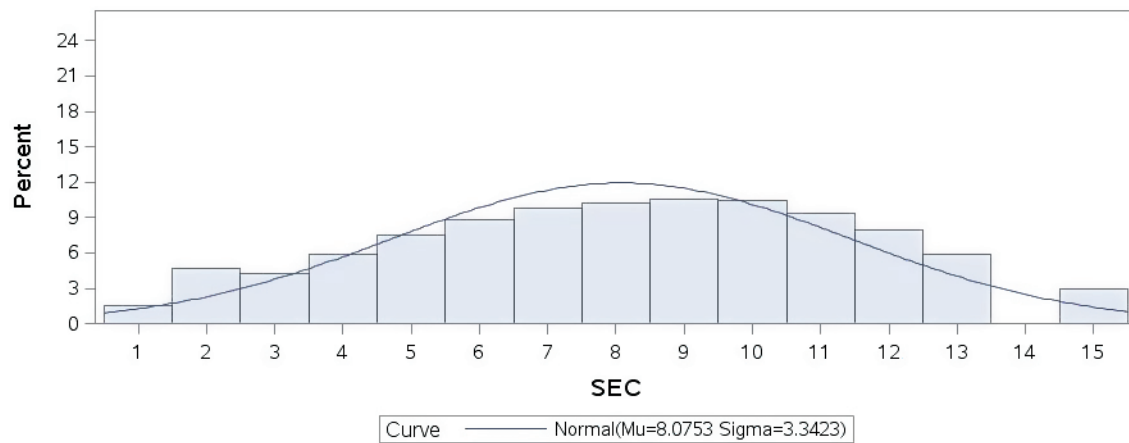


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Figure A-6.29.10: Heart of Algebra scale score distribution

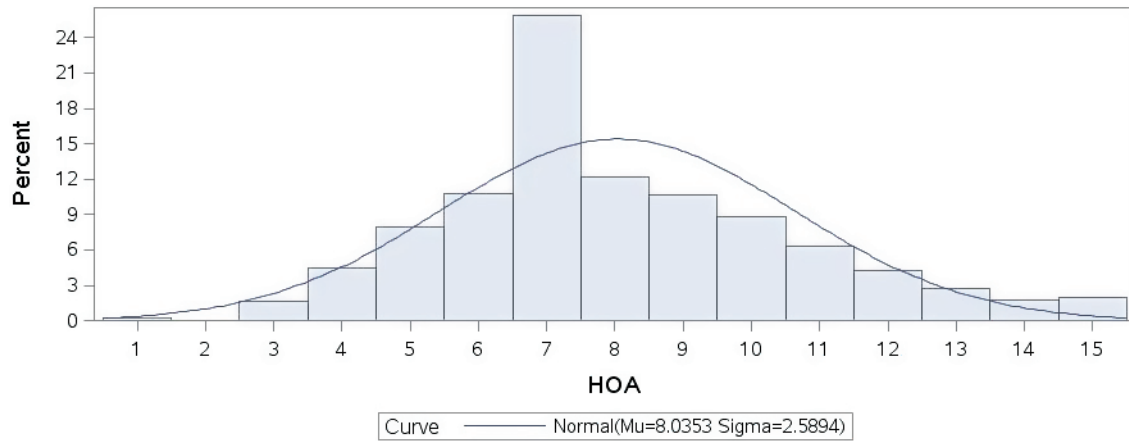


Figure A-6.29.11: Problem Solving and Data Analysis scale score distribution

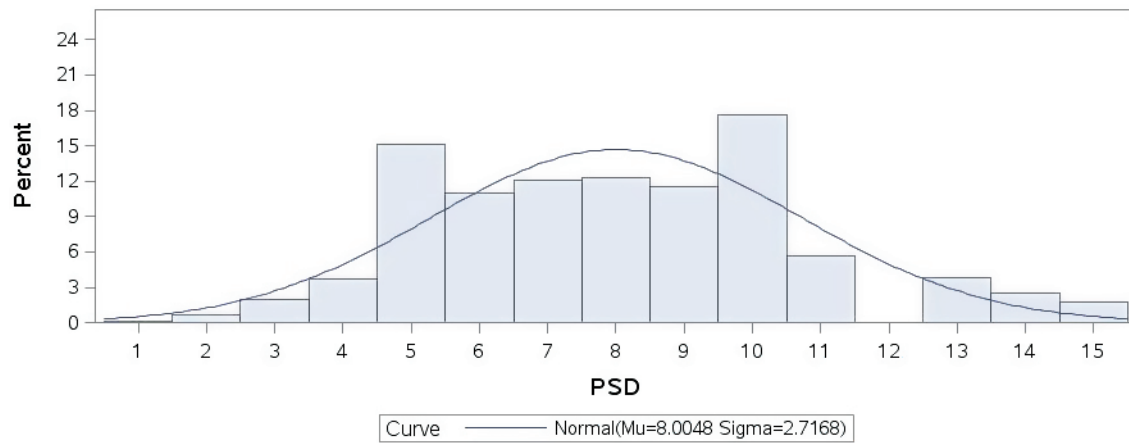


Figure A-6.29.12: Evidence-Based Reading and Writing scale score distribution

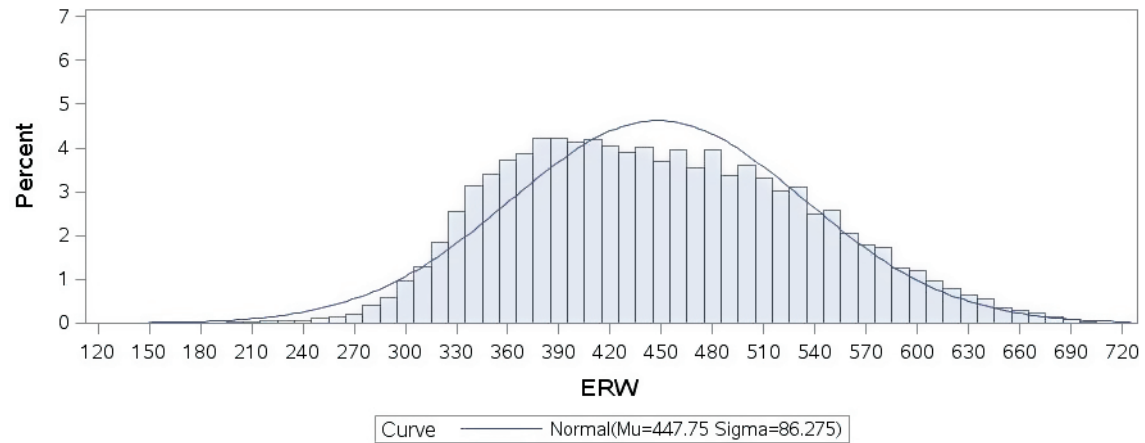


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Figure A-6.29.13: Math section scale score distribution

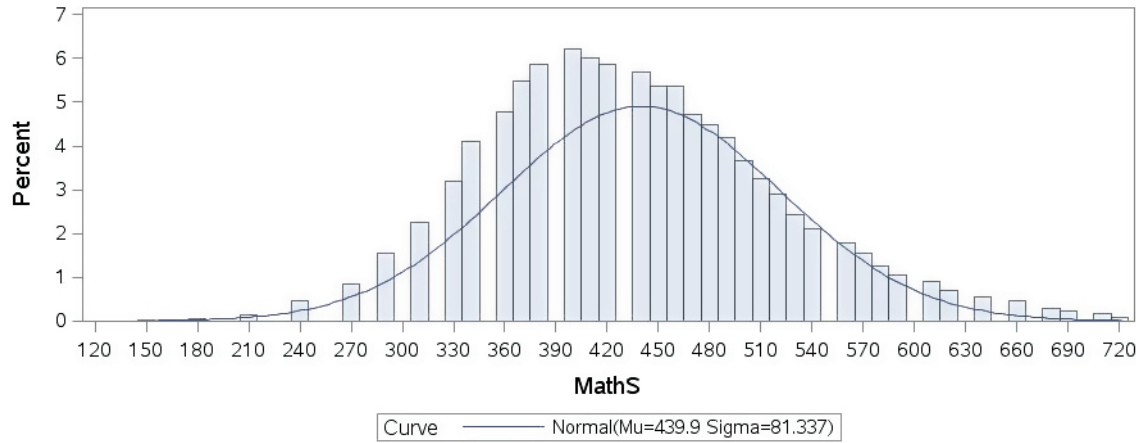
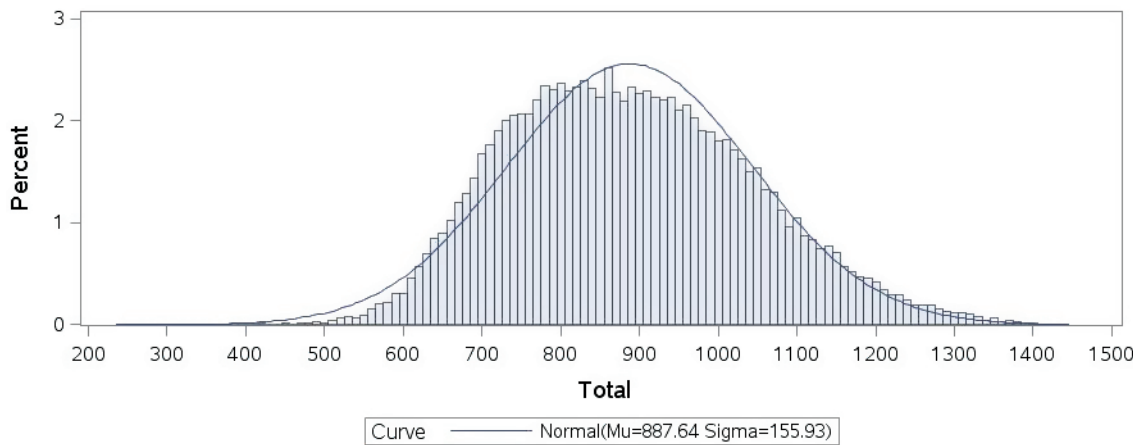


Figure A-6.29.14: Total scale score distribution



APPENDIX 7

Validity

Table A-7.1: Old SAT to New SAT

Old SAT	New SAT
Math (200–800)	Math section score (200–800)
Critical Reading (200–800)	Reading Test score (10–40)
Writing (200–800)	Writing and Language Test score (10–40)
Critical Reading + Writing (400–1600)	Evidence-Based Reading and Writing (ERW) section score (200–800)
Critical Reading + Math (400–1600)	Total Score (ERW + Math section; 400–1600)
Critical Reading + Math + Writing (600–2400)	Total Score (ERW + Math section; 400–1600)

Table A-7.2: Correlations Between Old SAT and New SAT Score Pairs for Concordances (Lower Diagonal from Unweighted Sample, Upper Diagonal from Weighted Sample)

	Old M	Old CR	Old W	Old CR + W	Old M + CR	Old M + CR + W	New MTS	New R	New WL	New ERW	New Total
Old M	1.000	0.759	0.764	0.794	0.940	0.910	0.880	0.700	0.735	0.750	0.864
Old CR	0.737	1.000	0.839	0.959	0.936	0.934	0.725	0.825	0.808	0.854	0.836
Old W	0.737	0.820	1.000	0.959	0.854	0.935	0.719	0.758	0.805	0.817	0.814
Old CR + W	0.773	0.955	0.953	1.000	0.933	0.974	0.753	0.825	0.841	0.872	0.860
Old M + CR	0.934	0.930	0.834	0.925	1.000	0.983	0.857	0.812	0.822	0.855	0.907
Old M + CR + W	0.901	0.927	0.926	0.971	0.981	1.000	0.838	0.821	0.844	0.871	0.905
New MTS	0.868	0.702	0.691	0.730	0.844	0.823	1.000	0.735	0.758	0.781	0.945
New R	0.679	0.810	0.736	0.811	0.798	0.807	0.717	1.000	0.827	0.956	0.895
New WL	0.715	0.789	0.785	0.825	0.806	0.830	0.740	0.811	1.000	0.956	0.907
New ERW	0.732	0.840	0.799	0.859	0.843	0.860	0.765	0.952	0.951	1.000	0.943
New Total	0.852	0.821	0.793	0.846	0.897	0.896	0.940	0.888	0.900	0.939	1.000

MTS = Math; R = Reading; W = Writing; WL = Writing and Language; CR = Critical Reading; ERW = Evidence-Based Reading and Writing.

Table A-7.3: Demographic Characteristics of the Unweighted SAT Concordance Data Overall Descriptive Statistics for the Unweighted Total Group (N = 8,677)

Subject	New SAT Mean (SD)	Corr.	Old SAT Mean (SD)	Old SAT Mean (SD) (Cohort)
Reading	26.97 (5.16)	0.810	497.22 (101.21)	496.50 (114.50)
Math	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
Writing	27.11 (5.12)	0.785	477.89 (98.97)	488.00 (114.00)

Table A-7.4: Demographic Characteristics of the Unweighted SAT Concordance Data by Grade Level (New SAT Response)

READING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
11th Grade	3230	37.225	32.25	0.347	0.835	0.259	0.17
12th Grade	5447	62.775	67.25	-0.206	0.781	-0.154	-0.08
MATH SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
11th Grade	3230	37.225	32.25	0.345	0.88	0.281	0.15
12th Grade	5447	62.775	67.25	-0.205	0.849	-0.167	-0.07
WRITING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
11th Grade	3230	37.225	32.25	0.336	0.811	0.262	0.18
12th Grade	5447	62.775	67.25	-0.199	0.753	-0.155	-0.08

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.5: Demographic Characteristics of the Unweighted SAT Concordance Data by Gender (New SAT Response)

READING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
F	5192	59.836	53	-0.027	0.814	-0.053	0.02
M	3485	40.164	47	0.04	0.805	0.079	-0.02
MATH SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
F	5192	59.836	53	-0.148	0.858	-0.153	-0.12
M	3485	40.164	47	0.221	0.87	0.228	0.15
WRITING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
F	5192	59.836	53	-0.003	0.793	0.01	0.05
M	3485	40.164	47	0.004	0.773	-0.015	-0.06

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.6: Demographic Characteristics of the Unweighted SAT Concordance Data by First Language (New SAT Response)

READING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
No Response	46	0.53	3.25	-0.288	0.824	-0.258	-0.43
English Only	5815	67.016	69.25	0.108	0.811	0.108	0.10
English and Another Language	1723	19.857	15.50	-0.218	0.789	-0.199	-0.14
Another Language	1093	12.597	12.25	-0.217	0.801	-0.251	-0.30
MATH SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
No Response	46	0.53	3.25	-0.29	0.848	-0.187	-0.03
English Only	5815	67.016	69.25	0.074	0.865	0.065	-0.01
English and Another Language	1723	19.857	15.50	-0.187	0.872	-0.183	-0.04
Another Language	1093	12.597	12.25	-0.087	0.867	-0.051	0.11
WRITING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
No Response	46	0.53	3.25	-0.392	0.82	-0.216	-0.30
English Only	5815	67.016	69.25	0.114	0.79	0.074	0.06
English and Another Language	1723	19.857	15.50	-0.228	0.782	-0.149	-0.07
Another Language	1093	12.597	12.25	-0.231	0.742	-0.148	-0.16

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.7: Demographic Characteristics of the Unweighted SAT Concordance Data by Best Language (New SAT Response)

READING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
No Response	60	0.691	3	-0.588	0.832	-0.501	-0.64
English Only	6506	74.98	75.25	0.103	0.812	0.107	0.11
English and Another Language	1924	22.174	18.50	-0.266	0.777	-0.269	-0.23
Another Language	187	2.155	4	-0.674	0.725	-0.792	-0.62
MATH SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
No Response	60	0.691	3	-0.596	0.862	-0.52	-0.22
English Only	6506	74.98	75.25	0.081	0.868	0.075	0.02
English and Another Language	1924	22.174	18.50	-0.26	0.856	-0.239	-0.11
Another Language	187	2.155	4	0.053	0.857	0.022	0.36
WRITING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
No Response	60	0.691	3	-0.589	0.825	-0.582	-0.51
English Only	6506	74.98	75.25	0.104	0.79	0.084	0.07
English and Another Language	1924	22.174	18.50	-0.279	0.745	-0.21	-0.14
Another Language	187	2.155	4	-0.566	0.702	-0.593	-0.38

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.8: Demographic Characteristics of the Unweighted SAT Concordance Data by Ethnicity

READING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
I do not wish to respond	432	4.979	3.50	-0.374	0.813	-0.374	-0.46
American Indian or Alaska Native	131	1.51	1.00	0.051	0.685	0.064	-0.12
Asian, Asian American, or Pacific Islander	816	9.404	11.75	0.281	0.797	0.297	0.20
Black or African American	1183	13.634	13.00	-0.557	0.754	-0.55	-0.59
Mexican or Mexican American	1160	13.369	6.75	-0.286	0.769	-0.297	-0.41
Puerto Rican	103	1.187	2.00	-0.313	0.804	-0.332	-0.37
Other Hispanic, Latino, or Latin American	942	10.856	8.50	-0.345	0.751	-0.324	-0.41
White	3845	44.313	50.75	0.334	0.796	0.327	0.27
Other	65	0.749	4.00	-0.181	0.811	-0.16	-0.04
MATH SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
I do not wish to respond	432	4.979	3.50	-0.38	0.85	-0.387	-0.11
American Indian or Alaska Native	131	1.51	1.00	-0.034	0.782	-0.028	-0.23
Asian, Asian American, or Pacific Islander	816	9.404	11.75	0.642	0.865	0.684	0.70
Black or African American	1183	13.634	13.00	-0.644	0.827	-0.673	-0.72
Mexican or Mexican American	1160	13.369	6.75	-0.292	0.838	-0.293	-0.42
Puerto Rican	103	1.187	2.00	-0.371	0.846	-0.426	-0.53
Other Hispanic, Latino, or Latin American	942	10.856	8.50	-0.416	0.813	-0.363	-0.45
White	3845	44.313	50.75	0.307	0.842	0.297	0.18
Other	65	0.749	4.00	-0.07	0.888	-0.105	0.04

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WRITING SCORES							
Weighted Group/Subgroup	N	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
I do not wish to respond	432	4.979	3.50	-0.379	0.781	-0.358	-0.36
American Indian or Alaska Native	131	1.51	1.00	-0.054	0.652	-0.081	-0.23
Asian, Asian American, or Pacific Islander	816	9.404	11.75	0.37	0.76	0.427	0.35
Black or African American	1183	13.634	13.00	-0.586	0.749	-0.575	-0.62
Mexican or Mexican American	1160	13.369	6.75	-0.298	0.755	-0.277	-0.39
Puerto Rican	103	1.187	2.00	-0.324	0.816	-0.282	-0.40
Other Hispanic, Latino, or Latin American	942	10.856	8.50	-0.384	0.738	-0.293	-0.40
White	3845	44.313	50.75	0.34	0.753	0.294	0.23
Other	65	0.749	4.00	-0.043	0.817	-0.091	0.03

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.9: Demographic Characteristics of the Unweighted SAT Concordance Data by Region (New SAT Response)

Weighted Group/Subgroup	N	%	% (Cohort*)	READING SCORES			
				New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	26.966 (5.158)	0.810	497.22 (101.21)	496.50 (114.50)
Missing	897	10.338	7.75	-0.125	0.778	-0.128	-0.13
MRO	490	5.647	6.25	0.002	0.811	-0.01	0.31
MSRO	1475	16.999	24.50	0.219	0.829	0.202	-0.05
NERO	193	2.224	8.00	-0.182	0.813	-0.175	0.09
SRO	3089	35.6	21.00	0.028	0.805	0.035	0.01
SWRO	1089	12.55	10.75	-0.152	0.812	-0.155	-0.16
WRO	1444	16.642	21.50	-0.069	0.802	-0.059	0.06
Weighted Group/Subgroup	N	%	% (Cohort*)	MATH SCORES			
				New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	536.71 (97.96)	0.868	505.27 (104.64)	513.75 (118.00)
Missing	897	10.338	7.75	-0.184	0.84	-0.187	0.59
MRO	490	5.647	6.25	0.073	0.896	0.012	0.22
MSRO	1475	16.999	24.50	0.273	0.868	0.246	-0.09
NERO	193	2.224	8.00	-0.18	0.858	-0.192	0.02
SRO	3089	35.6	21.00	-0.03	0.865	-0.02	-0.13
SWRO	1089	12.55	10.75	-0.067	0.888	-0.069	-0.11
WRO	1444	16.642	21.50	-0.049	0.85	-0.019	0.01

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Weighted Group/Subgroup	N	%	% (Cohort*)	WRITING SCORES			
				New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	8677	100	100.00	27.114 (5.116)	0.785	477.89 (98.97)	488.00 (114.00)
Missing	897	10.338	7.75	-0.13	0.722	-0.132	0.11
MRO	490	5.647	6.25	0.055	0.794	-0.044	0.24
MSRO	1475	16.999	24.50	0.221	0.807	0.211	-0.05
NERO	193	2.224	8.00	-0.286	0.826	-0.14	0.12
SRO	3089	35.6	21.00	0.03	0.776	0.029	-0.06
SWRO	1089	12.55	10.75	-0.179	0.793	-0.188	-0.20
WRO	1444	16.642	21.50	-0.054	0.778	-0.019	0.08

*Cohort results are averages of the 2011–2014 cohort.

**Table A-7.10: Demographic Characteristics of the Weighted SAT Concordance Data
Overall Descriptive Statistics for the Weighted Total Group**

Subject	New SAT Mean (SD)	Corr.	Old SAT Mean (SD)	Old SAT Mean (SD) (Cohort)
Reading	27.03 (5.37)	0.825	497.38 (108.83)	496.50 (114.50)
Math	543.10 (104.36)	0.880	512.43 (112.55)	513.75 (118.00)
Writing	27.21 (5.37)	0.805	483.55 (107.67)	488.00 (114.00)

Table A-7.11: Demographic Characteristics of the Weighted SAT Concordance Data by Grade Level (New SAT Response)

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
11th Grade	35.393	32.25	0.39	0.846	0.306	0.17
12th Grade	64.607	67.25	-0.214	0.797	-0.168	-0.08
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
11th Grade	35.393	32.25	0.389	0.894	0.33	0.15
12th Grade	64.607	67.25	-0.213	0.859	-0.181	-0.07
WRITING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
11th Grade	35.393	32.25	0.38	0.83	0.316	0.18
12th Grade	64.607	67.25	-0.208	0.772	-0.173	-0.08

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.12: Demographic Characteristics of the Weighted SAT Concordance Data by Gender (New SAT Response)

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
F	56.124	53	-0.032	0.827	-0.054	0.02
M	43.876	47	0.04	0.822	0.069	-0.02
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
F	56.124	53	-0.166	0.871	-0.165	-0.12
M	43.876	47	0.212	0.88	0.212	0.15
WRITING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
F	56.124	53	-0.009	0.81	0.005	0.05
M	43.876	47	0.011	0.799	-0.006	-0.06

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.13: Demographic Characteristics of the Weighted SAT Concordance Data by First Language (New SAT Response)

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
No Response	1.883	3.25	-0.435	0.79	-0.393	-0.43
English Only	67.585	69.25	0.11	0.824	0.106	0.10
English and Another Language	17.765	15.50	-0.216	0.812	-0.191	-0.14
Another Language	12.767	12.25	-0.217	0.822	-0.239	-0.30
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
No Response	1.883	3.25	-0.313	0.828	-0.333	-0.03
English Only	67.585	69.25	0.06	0.878	0.054	-0.01
English and Another Language	17.765	15.50	-0.175	0.891	-0.166	-0.04
Another Language	12.767	12.25	-0.03	0.874	-0.003	0.11
WRITING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
No Response	1.883	3.25	-0.623	0.802	-0.377	-0.30
English Only	67.585	69.25	0.114	0.807	0.072	0.06
English and Another Language	17.765	15.50	-0.212	0.812	-0.134	-0.07
Another Language	12.767	12.25	-0.216	0.773	-0.141	-0.16

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.14: Demographic Characteristics of the Weighted SAT Concordance Data by Best Language (New SAT Response)

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
No Response	1.787	3	-0.459	0.826	-0.427	-0.64
English Only	74.777	75.25	0.111	0.826	0.111	0.11
English and Another Language	20.177	18.50	-0.269	0.801	-0.256	-0.23
Another Language	3.259	4	-0.631	0.718	-0.716	-0.62
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
No Response	1.787	3	-0.379	0.833	-0.378	-0.22
English Only	74.777	75.25	0.074	0.882	0.069	0.02
English and Another Language	20.177	18.50	-0.252	0.875	-0.227	-0.11
Another Language	3.259	4	0.079	0.842	0.037	0.36
WRITING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
No Response	1.787	3	-0.628	0.795	-0.472	-0.51
English Only	74.777	75.25	0.111	0.809	0.09	0.07
English and Another Language	20.177	18.50	-0.27	0.775	-0.207	-0.14
Another Language	3.259	4	-0.531	0.722	-0.531	-0.38

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.15: Demographic Characteristics of the Weighted SAT Concordance Data by Ethnicity

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
I do not wish to respond	4.241	3.50	-0.456	0.823	-0.456	-0.46
American Indian or Alaska Native	1.124	1.00	0.013	0.69	0.026	-0.12
Asian, Asian American, or Pacific Islander	11.373	11.75	0.282	0.816	0.31	0.20
Black or African American	13.254	13.00	-0.597	0.765	-0.587	-0.59
Mexican or Mexican American	9.665	6.75	-0.332	0.771	-0.343	-0.41
Puerto Rican	1.529	2.00	-0.439	0.805	-0.487	-0.37
Other Hispanic, Latino, or Latin American	9.419	8.50	-0.403	0.763	-0.386	-0.41
White	47.084	50.75	0.315	0.81	0.304	0.27
Other	2.311	4.00	-0.232	0.817	-0.195	-0.04
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
I do not wish to respond	4.241	3.50	-0.479	0.857	-0.452	-0.11
American Indian or Alaska Native	1.124	1.00	-0.09	0.793	-0.057	-0.23
Asian, Asian American, or Pacific Islander	11.373	11.75	0.64	0.866	0.676	0.70
Black or African American	13.254	13.00	-0.703	0.826	-0.732	-0.72
Mexican or Mexican American	9.665	6.75	-0.344	0.848	-0.344	-0.42
Puerto Rican	1.529	2.00	-0.515	0.854	-0.578	-0.53
Other Hispanic, Latino, or Latin American	9.419	8.50	-0.483	0.825	-0.431	-0.45
White	47.084	50.75	0.275	0.857	0.265	0.18
Other	2.311	4.00	-0.053	0.891	-0.108	0.04

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Weighted Group/Subgroup	WRITING SCORES					
	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
I do not wish to respond	4.241	3.50	-0.483	0.813	-0.41	-0.36
American Indian or Alaska Native	1.124	1.00	-0.086	0.667	-0.1	-0.23
Asian, Asian American, or Pacific Islander	11.373	11.75	0.364	0.778	0.439	0.35
Black or African American	13.254	13.00	-0.639	0.757	-0.611	-0.62
Mexican or Mexican American	9.665	6.75	-0.334	0.77	-0.316	-0.39
Puerto Rican	1.529	2.00	-0.474	0.832	-0.474	-0.40
Other Hispanic, Latino, or Latin American	9.419	8.50	-0.435	0.757	-0.354	-0.40
White	47.084	50.75	0.315	0.775	0.263	0.23
Other	2.311	4.00	-0.133	0.837	-0.133	0.03

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.16: Demographic Characteristics of the Weighted SAT Concordance Data by Region (New SAT Response)

READING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	27.034 (5.368)	0.825	497.38 (108.83)	496.50 (114.50)
Missing	8.771	7.75	-0.123	0.789	-0.121	-0.13
MRO	5.979	6.25	-0.026	0.814	-0.021	0.31
MSRO	21.051	24.50	0.209	0.845	0.195	-0.05
NERO	5.168	8.00	-0.27	0.821	-0.263	0.09
SRO	28.354	21.00	0.007	0.819	0.004	0.01
SWRO	11.686	10.75	-0.121	0.828	-0.106	-0.16
WRO	18.99	21.50	-0.03	0.816	-0.023	0.06
MATH SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	54.31 (10.436)	0.880	512.43 (112.55)	513.75 (118.00)
Missing	8.771	7.75	-0.202	0.85	-0.197	0.59
MRO	5.979	6.25	0.029	0.908	-0.029	0.22
MSRO	21.051	24.50	0.243	0.881	0.22	-0.09
NERO	5.168	8.00	-0.292	0.862	-0.308	0.02
SRO	28.354	21.00	-0.052	0.88	-0.035	-0.13
SWRO	11.686	10.75	-0.039	0.905	-0.04	-0.11
WRO	18.99	21.50	-0.004	0.853	0.017	0.01
WRITING SCORES						
Weighted Group/Subgroup	%	% (Cohort*)	New SAT Mean (SD) or Std. Diff.	Corr.	Old SAT Mean (SD) or Std. Diff.	Old SAT Mean (SD) or Std. Diff. (Cohort*)
Total	100	100.00	27.209 (5.369)	0.805	483.55 (107.67)	488.00 (114.00)
Missing	8.771	7.75	-0.122	0.738	-0.134	0.11
MRO	5.979	6.25	0.032	0.812	-0.059	0.24
MSRO	21.051	24.50	0.213	0.822	0.191	-0.05
NERO	5.168	8.00	-0.374	0.835	-0.225	0.12
SRO	28.354	21.00	0.013	0.791	0.014	-0.06
SWRO	11.686	10.75	-0.145	0.816	-0.158	-0.20
WRO	18.99	21.50	-0.019	0.796	0.007	0.08

*Cohort results are averages of the 2011–2014 cohort.

Table A-7.17: Old SAT to New SAT Concordance Table for Math Scores

Old SAT (200–800)	New SAT (200–800)	Old SAT (200–800)	New SAT (200–800)	Old SAT (200–800)	New SAT (200–800)
200	200	410	450	620	640
210	220	420	460	630	650
220	230	430	470	640	660
230	250	440	480	650	670
240	260	450	490	660	690
250	280	460	500	670	700
260	300	470	510	680	710
270	310	480	510	690	720
280	330	490	520	700	730
290	340	500	530	710	740
300	350	510	540	720	750
310	360	520	550	730	760
320	360	530	560	740	760
330	370	540	570	750	770
340	380	550	570	760	780
350	390	560	580	770	780
360	400	570	590	780	790
370	410	580	600	790	800
380	420	590	610	800	800
390	430	600	620		
400	440	610	630		

Figure A-7.1: Old SAT to new SAT concordance plot for Math scores

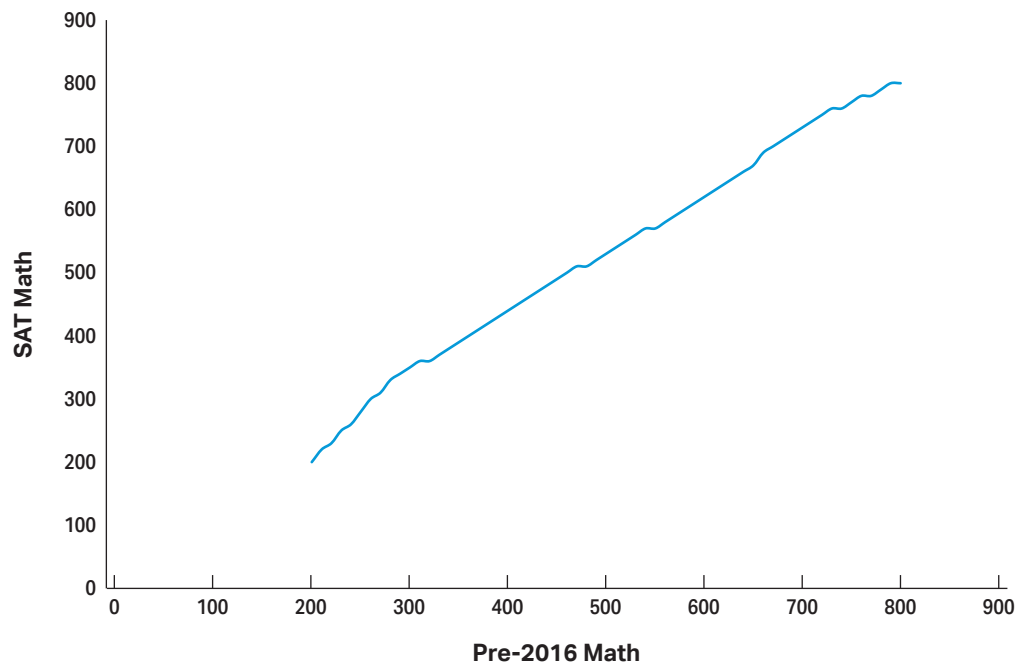


Table A-7.18: New SAT to Old SAT Concordance Table for Math Scores

New SAT (200–800)	Old SAT (200–800)	New SAT (200–800)	Old SAT (200–800)	New SAT (200–800)	Old SAT (200–800)
200	200	410	370	620	600
210	200	420	380	630	610
220	210	430	390	640	620
230	220	440	400	650	630
240	220	450	410	660	640
250	230	460	420	670	650
260	240	470	430	680	650
270	240	480	440	690	660
280	250	490	450	700	670
290	260	500	460	710	680
300	260	510	470	720	690
310	270	520	490	730	700
320	280	530	500	740	710
330	280	540	510	750	720
340	290	550	520	760	740
350	300	560	530	770	750
360	310	570	550	780	760
370	330	580	560	790	780
380	340	590	570	800	800
390	350	600	580		
400	360	610	590		

Figure A-7.2: New SAT to old SAT concordance plot for Math scores

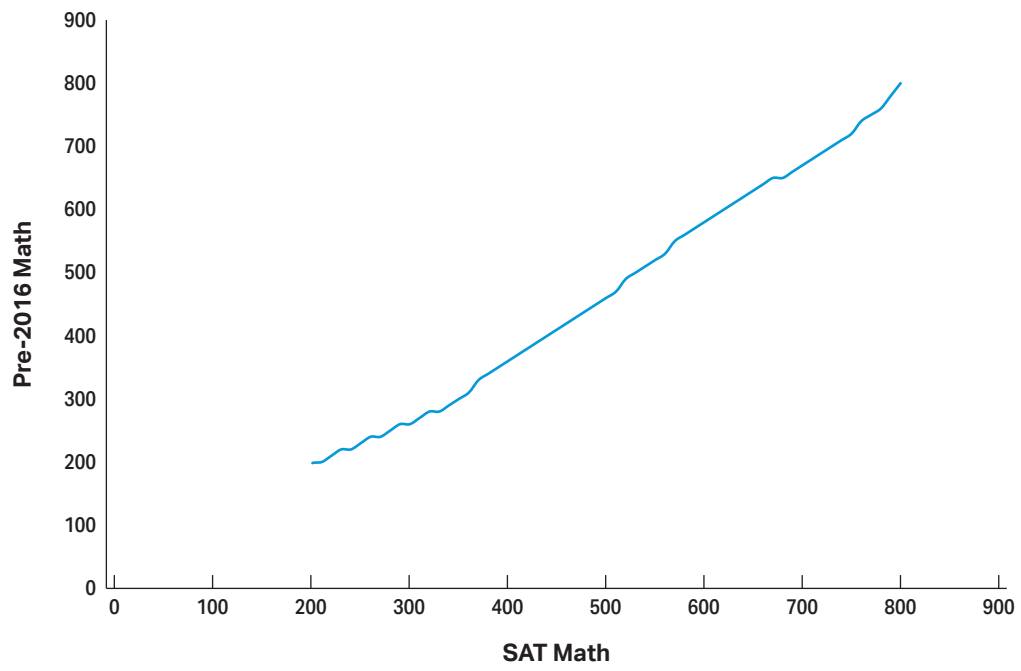


Table A-7.19: Old SAT to New SAT Concordance Table for Reading Scores

Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)
200	10	410	22	620	33
210	11	420	23	630	34
220	12	430	24	640	34
230	13	440	24	650	35
240	13	450	25	660	35
250	14	460	25	670	36
260	15	470	26	680	36
270	16	480	26	690	37
280	17	490	27	700	37
290	17	500	27	710	37
300	18	510	28	720	38
310	18	520	28	730	38
320	18	530	29	740	38
330	19	540	29	750	39
340	19	550	30	760	39
350	19	560	30	770	39
360	20	570	31	780	40
370	20	580	31	790	40
380	21	590	32	800	40
390	21	600	32		
400	22	610	33		

Figure A-7.3: Old SAT to new SAT concordance plot for Reading scores

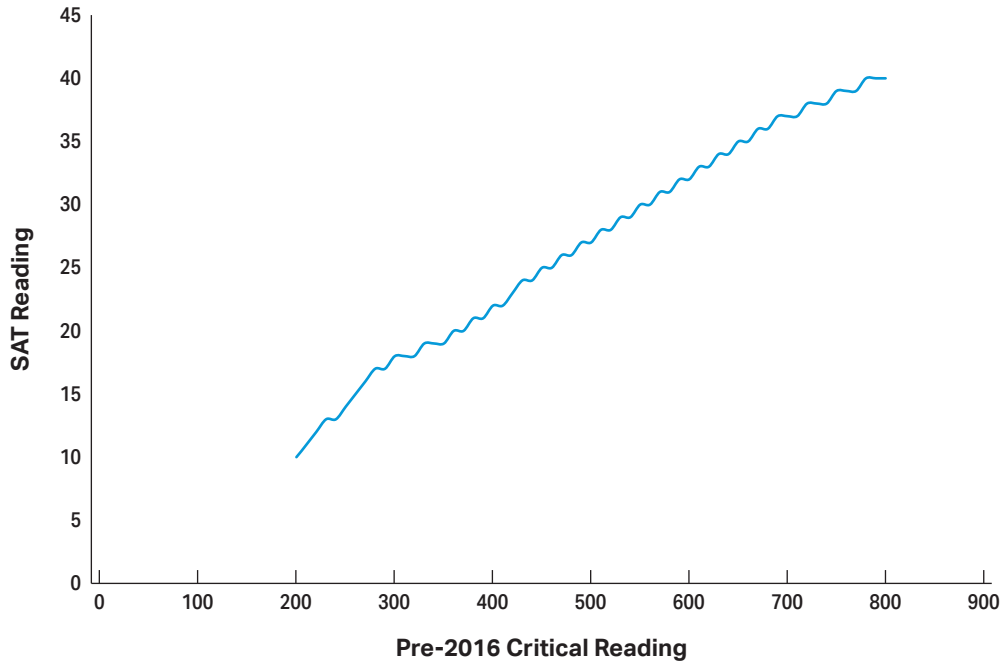


Table A-7.20: New SAT to Old SAT Concordance Table for Reading Scores

New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)
10	200	21	380	32	590
11	210	22	400	33	610
12	220	23	420	34	640
13	240	24	440	35	660
14	250	25	460	36	680
15	260	26	480	37	700
16	270	27	500	38	720
17	280	28	520	39	760
18	310	29	530	40	790
19	340	30	550		
20	370	31	570		

Figure A-7.4: New SAT to old SAT concordance plot for Reading scores

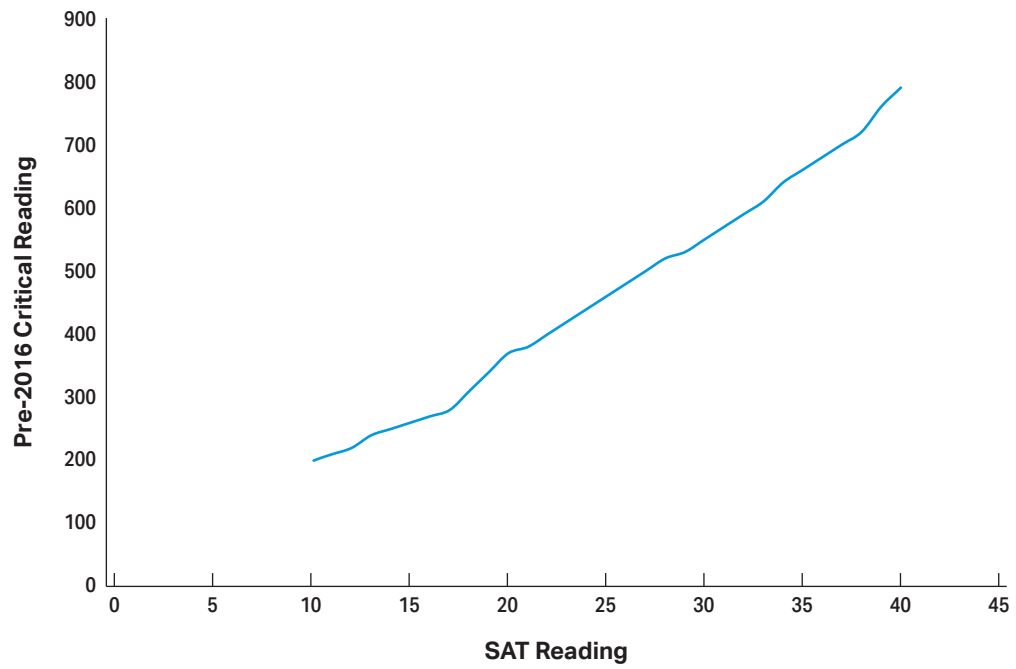


Table A-7.21: Old SAT to New SAT Concordance Table for Writing Scores

Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)
200	10	410	24	620	34
210	11	420	24	630	34
220	11	430	25	640	35
230	12	440	25	650	35
240	13	450	26	660	35
250	14	460	27	670	36
260	14	470	27	680	36
270	15	480	28	690	36
280	16	490	28	700	37
290	17	500	28	710	37
300	17	510	29	720	37
310	18	520	29	730	38
320	18	530	30	740	38
330	19	540	30	750	38
340	19	550	31	760	39
350	20	560	31	770	39
360	21	570	32	780	40
370	21	580	32	790	40
380	22	590	33	800	40
390	22	600	33		
400	23	610	33		

Figure A-7.5: Old SAT to new SAT concordance plot for Writing scores

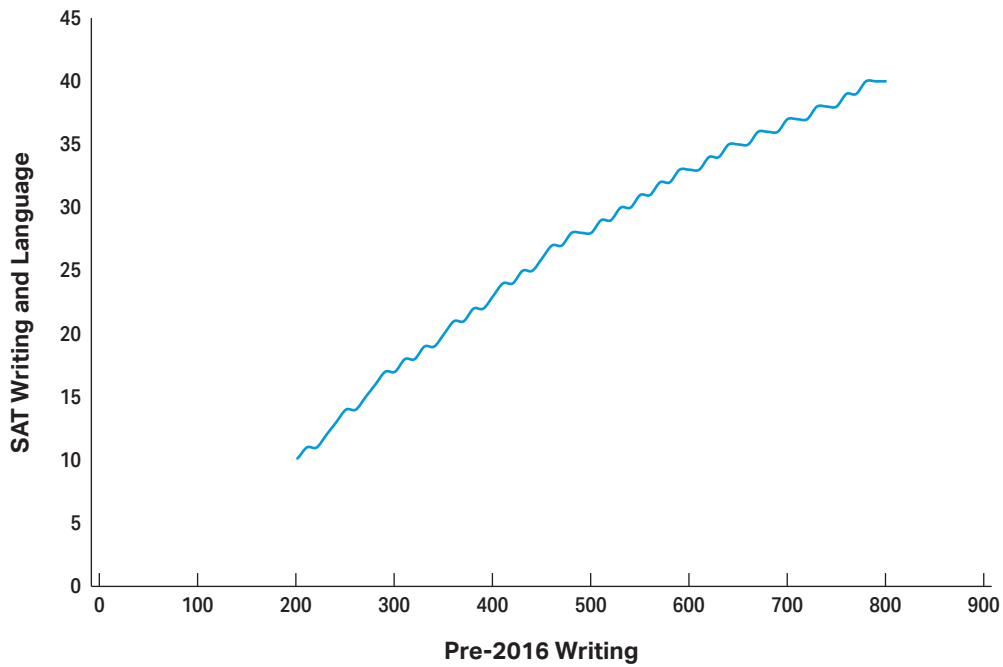


Table A-7.22: New SAT to Old SAT Concordance Table for Writing Scores

New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)	New SAT (10–40)	Old SAT (200–800)
10	200	21	370	32	570
11	220	22	380	33	600
12	230	23	400	34	630
13	240	24	420	35	650
14	260	25	430	36	680
15	270	26	450	37	710
16	280	27	470	38	740
17	300	28	490	39	760
18	320	29	510	40	790
19	340	30	530		
20	350	31	550		

Figure A-7.6: New SAT to old SAT concordance plot for Writing scores

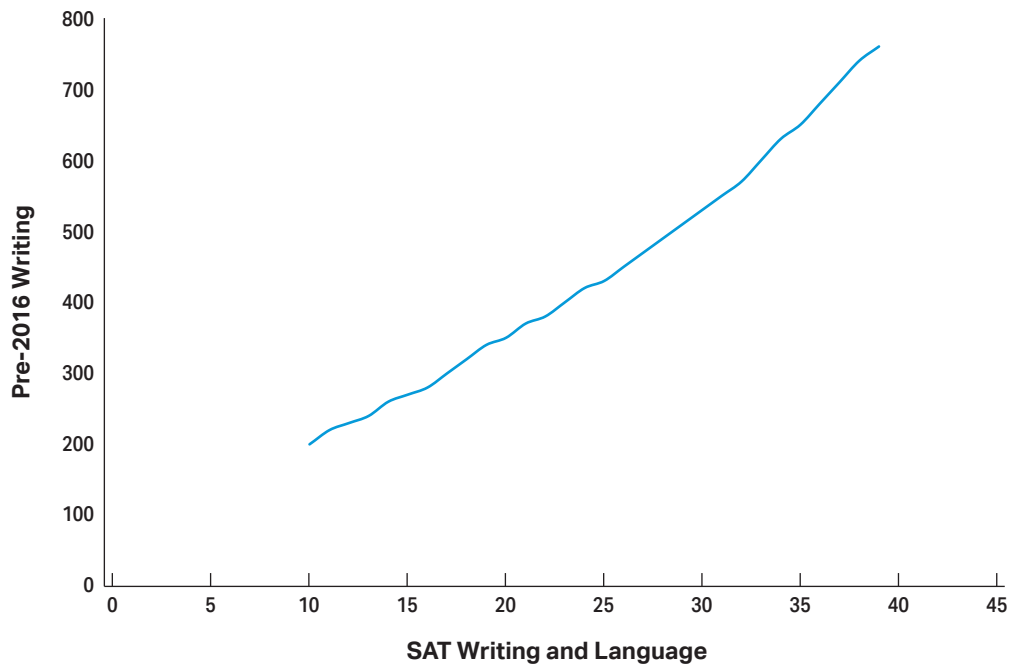


Table A-7.23: Old SAT to New SAT Concordance Table for Combined Reading and Writing Scores

Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)
400	200	640	370	880	490
410	210	650	370	890	500
420	220	660	380	900	500
430	230	670	380	910	510
440	240	680	390	920	510
450	260	690	390	930	520
460	270	700	400	940	530
470	280	710	400	950	530
480	290	720	410	960	540
490	300	730	410	970	540
500	310	740	420	980	550
510	310	750	420	990	550
520	320	760	430	1000	560
530	320	770	430	1010	560
540	330	780	440	1020	570
550	330	790	440	1030	570
560	330	800	450	1040	580
570	340	810	450	1050	580
580	340	820	460	1060	590
590	350	830	460	1070	590
600	350	840	470	1080	600
610	360	850	480	1090	600
620	360	860	480	1100	610
630	360	870	490	1110	610

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Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)
1120	620	1290	690	1460	750
1130	620	1300	700	1470	760
1140	630	1310	700	1480	760
1150	630	1320	700	1490	760
1160	640	1330	710	1500	770
1170	640	1340	710	1510	770
1180	650	1350	710	1520	770
1190	650	1360	720	1530	780
1200	650	1370	720	1540	780
1210	660	1380	730	1550	780
1220	660	1390	730	1560	790
1230	670	1400	730	1570	790
1240	670	1410	740	1580	800
1250	680	1420	740	1590	800
1260	680	1430	740	1600	800
1270	680	1440	750		
1280	690	1450	750		

Figure A-7.7: Old SAT to new SAT concordance plot for combined Reading and Writing scores

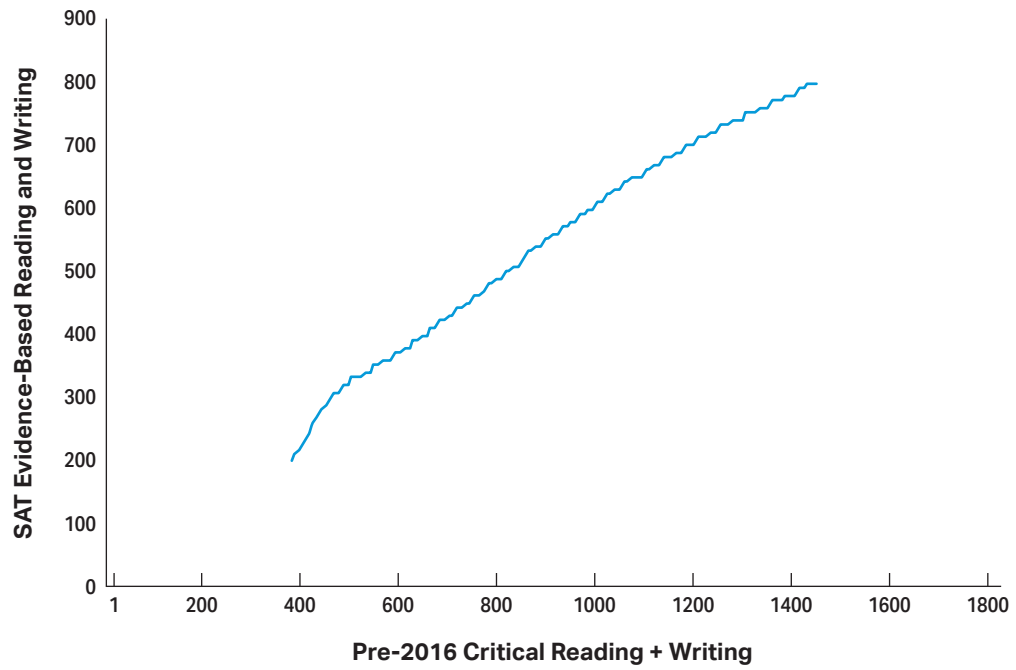


Table A-7.24: New SAT to Old SAT Concordance Table for Combined Reading and Writing Scores

New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)	New SAT (200–800)	Old SAT (400–1600)
200	400	410	730	620	1120
210	410	420	750	630	1150
220	420	430	770	640	1170
230	430	440	790	650	1190
240	440	450	800	660	1210
250	440	460	820	670	1240
260	450	470	840	680	1260
270	460	480	860	690	1290
280	470	490	880	700	1310
290	480	500	890	710	1340
300	490	510	910	720	1370
310	500	520	930	730	1390
320	520	530	950	740	1420
330	550	540	970	750	1450
340	570	550	990	760	1480
350	600	560	1010	770	1510
360	620	570	1020	780	1540
370	640	580	1040	790	1560
380	660	590	1060	800	1590
390	690	600	1080		
400	710	610	1100		

Figure A-7.8: New SAT to old SAT concordance plot for combined Reading and Writing scores



Table A-7.25: Old SAT to New SAT Concordance Table for Old SAT Combined Reading and Math Scores to New SAT Total Scores

Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)
400	400	650	750	900	980
410	420	660	750	910	990
420	430	670	760	920	1000
430	450	680	770	930	1010
440	460	690	780	940	1020
450	480	700	790	950	1030
460	490	710	800	960	1040
470	510	720	810	970	1050
480	520	730	820	980	1060
490	530	740	830	990	1070
500	550	750	840	1000	1080
510	560	760	850	1010	1090
520	580	770	860	1020	1100
530	590	780	860	1030	1110
540	610	790	870	1040	1120
550	620	800	880	1050	1130
560	640	810	890	1060	1130
570	650	820	900	1070	1140
580	670	830	910	1080	1150
590	680	840	920	1090	1160
600	700	850	930	1100	1170
610	710	860	940	1110	1180
620	720	870	950	1120	1190
630	730	880	960	1130	1200
640	740	890	970	1140	1210

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Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)
1150	1220	1310	1370	1470	1510
1160	1230	1320	1380	1480	1510
1170	1240	1330	1390	1490	1520
1180	1250	1340	1400	1500	1530
1190	1260	1350	1410	1510	1540
1200	1270	1360	1420	1520	1540
1210	1280	1370	1420	1530	1550
1220	1290	1380	1430	1540	1560
1230	1300	1390	1440	1550	1560
1240	1310	1400	1450	1560	1570
1250	1310	1410	1460	1570	1580
1260	1320	1420	1470	1580	1590
1270	1330	1430	1480	1590	1590
1280	1340	1440	1480	1600	1600
1290	1350	1450	1490		
1300	1360	1460	1500		

Figure A-7.9: Old SAT to new SAT concordance plot for old SAT combined Reading and Math scores to new SAT total scores

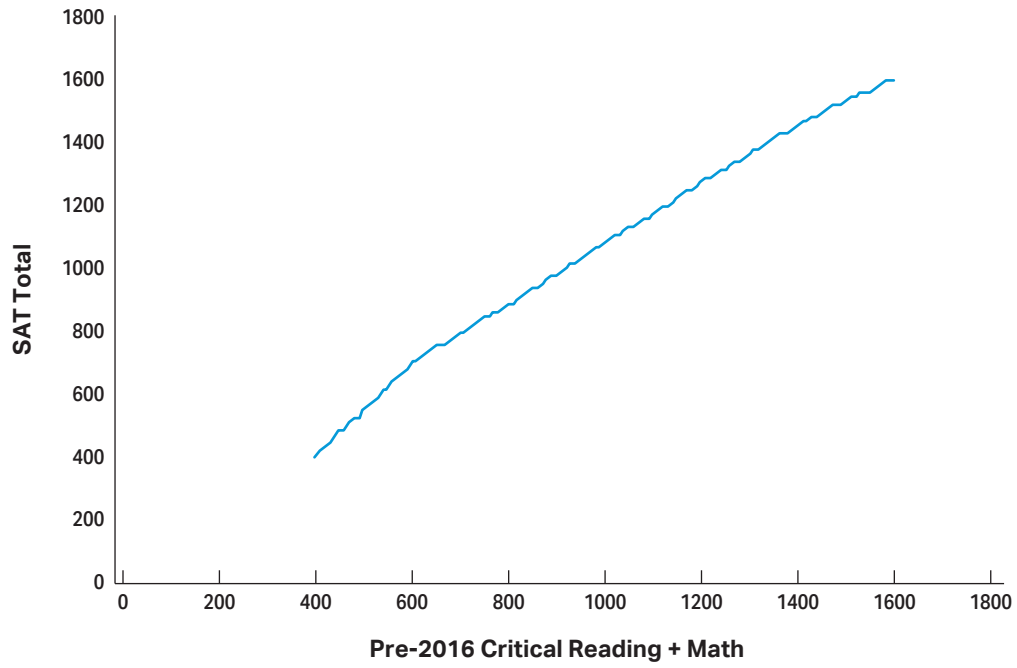


Table A-7.26: New SAT to Old SAT Concordance Table for New SAT Total Scores to Old SAT Combined Reading and Math Scores

New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)
400	400	640	560	880	800
410	410	650	570	890	810
420	410	660	580	900	820
430	420	670	580	910	830
440	430	680	590	920	840
450	430	690	600	930	850
460	440	700	600	940	860
470	450	710	610	950	870
480	450	720	620	960	880
490	460	730	630	970	890
500	470	740	640	980	900
510	470	750	660	990	910
520	480	760	670	1000	920
530	490	770	680	1010	930
540	490	780	690	1020	940
550	500	790	700	1030	950
560	510	800	710	1040	960
570	510	810	720	1050	970
580	520	820	730	1060	980
590	530	830	740	1070	990
600	540	840	750	1080	1000
610	540	850	760	1090	1010
620	550	860	780	1100	1020
630	560	870	790	1110	1030

Table A-7.26 continued on next page

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New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)	New SAT (400–1600)	Old SAT (400–1600)
1120	1040	1290	1220	1460	1410
1130	1060	1300	1230	1470	1420
1140	1070	1310	1250	1480	1430
1150	1080	1320	1260	1490	1450
1160	1090	1330	1270	1500	1460
1170	1100	1340	1280	1510	1470
1180	1110	1350	1290	1520	1490
1190	1120	1360	1300	1530	1500
1200	1130	1370	1310	1540	1510
1210	1140	1380	1320	1550	1530
1220	1150	1390	1330	1560	1540
1230	1160	1400	1340	1570	1560
1240	1170	1410	1350	1580	1570
1250	1180	1420	1370	1590	1580
1260	1190	1430	1380	1600	1600
1270	1200	1440	1390		
1280	1210	1450	1400		

Figure A-7.10: New SAT to old SAT concordance plot for new SAT total scores to old SAT combined Reading and Math scores

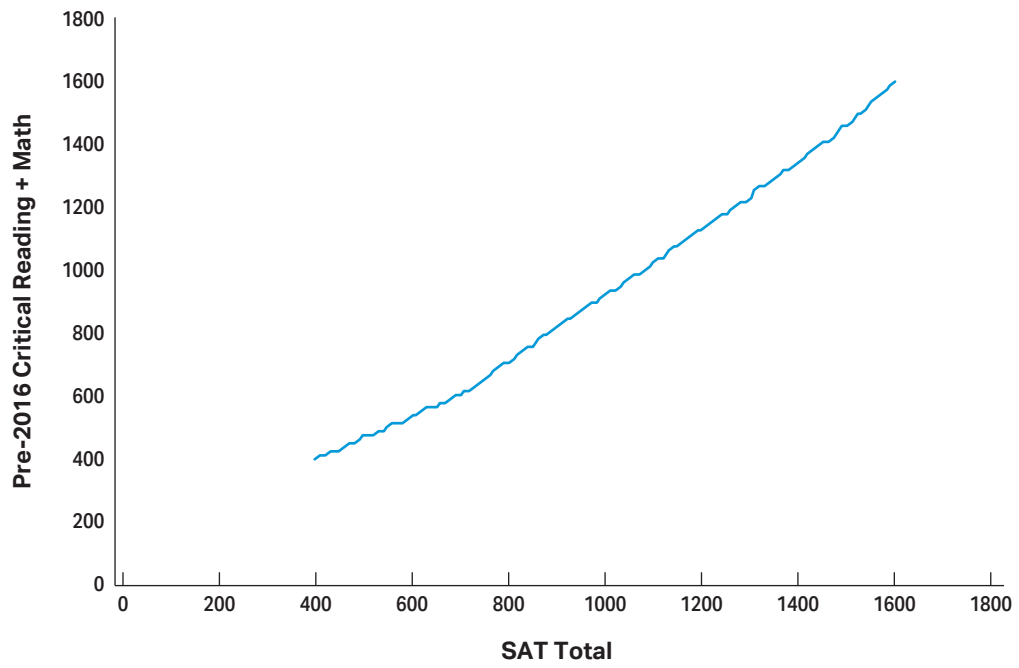


Table A-7.27: Old SAT to New SAT Concordance Table for Total Scores

Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)
600	400	850	660	1100	830
610	410	860	670	1110	830
620	420	870	680	1120	840
630	430	880	690	1130	850
640	440	890	690	1140	850
650	450	900	700	1150	860
660	460	910	710	1160	870
670	470	920	710	1170	870
680	480	930	720	1180	880
690	490	940	730	1190	890
700	500	950	730	1200	890
710	510	960	740	1210	900
720	520	970	740	1220	910
730	530	980	750	1230	910
740	540	990	760	1240	920
750	550	1000	760	1250	930
760	560	1010	770	1260	930
770	580	1020	780	1270	940
780	590	1030	780	1280	950
790	600	1040	790	1290	950
800	610	1050	800	1300	960
810	620	1060	800	1310	970
820	630	1070	810	1320	980
830	640	1080	810	1330	980
840	650	1090	820	1340	990

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Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)
1350	1000	1600	1160	1850	1320
1360	1000	1610	1160	1860	1320
1370	1010	1620	1170	1870	1330
1380	1020	1630	1180	1880	1340
1390	1020	1640	1180	1890	1340
1400	1030	1650	1190	1900	1350
1410	1030	1660	1200	1910	1350
1420	1040	1670	1200	1920	1360
1430	1050	1680	1210	1930	1370
1440	1050	1690	1210	1940	1370
1450	1060	1700	1220	1950	1380
1460	1070	1710	1230	1960	1380
1470	1070	1720	1230	1970	1390
1480	1080	1730	1240	1980	1400
1490	1090	1740	1250	1990	1400
1500	1090	1750	1250	2000	1410
1510	1100	1760	1260	2010	1410
1520	1110	1770	1270	2020	1420
1530	1110	1780	1270	2030	1430
1540	1120	1790	1280	2040	1430
1550	1120	1800	1290	2050	1440
1560	1130	1810	1290	2060	1440
1570	1140	1820	1300	2070	1450
1580	1140	1830	1300	2080	1450
1590	1150	1840	1310	2090	1460

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Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)
2100	1470	2210	1520	2320	1570
2110	1470	2220	1520	2330	1570
2120	1480	2230	1530	2340	1580
2130	1480	2240	1530	2350	1580
2140	1490	2250	1540	2360	1590
2150	1490	2260	1540	2370	1590
2160	1500	2270	1550	2380	1590
2170	1500	2280	1550	2390	1600
2180	1510	2290	1550	2400	1600
2190	1510	2300	1560		
2200	1510	2310	1560		

Figure A-7.11: Old SAT to new SAT concordance plot for total scores

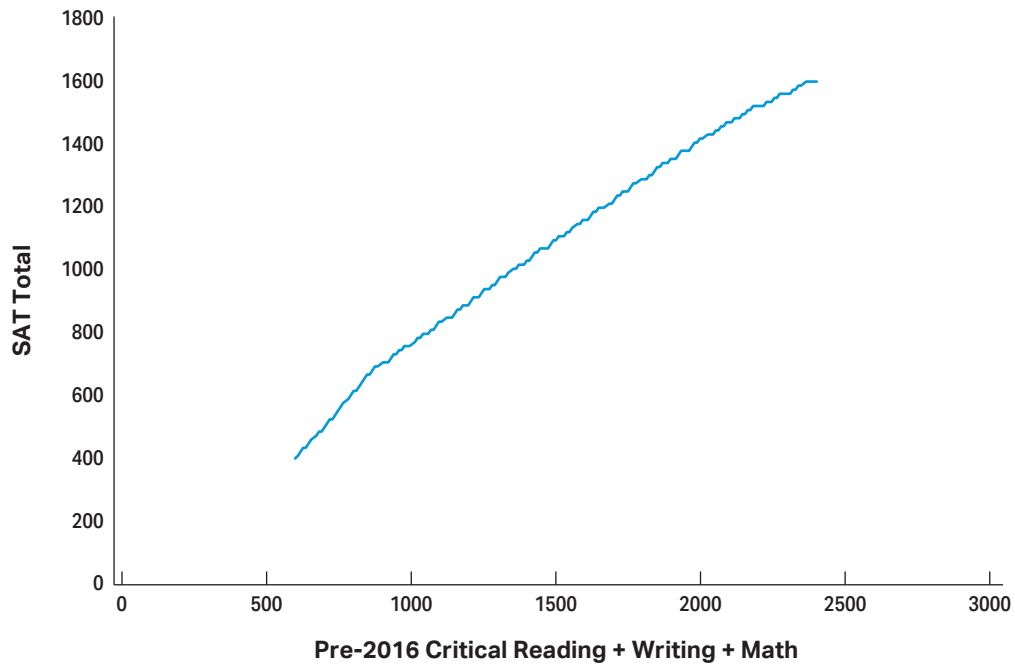


Table A-7.28: New SAT to Old SAT Concordance Table for Total Scores

New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)
400	600	650	840	900	1210
410	610	660	850	910	1220
420	620	670	860	920	1240
430	630	680	870	930	1250
440	640	690	880	940	1270
450	650	700	900	950	1280
460	660	710	910	960	1300
470	670	720	930	970	1310
480	680	730	950	980	1330
490	690	740	960	990	1340
500	700	750	980	1000	1360
510	710	760	990	1010	1370
520	720	770	1010	1020	1390
530	730	780	1030	1030	1400
540	730	790	1040	1040	1420
550	740	800	1060	1050	1430
560	750	810	1070	1060	1450
570	760	820	1090	1070	1460
580	770	830	1110	1080	1480
590	780	840	1120	1090	1490
600	790	850	1140	1100	1510
610	800	860	1150	1110	1530
620	810	870	1170	1120	1540
630	820	880	1180	1130	1560
640	830	890	1200	1140	1570

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New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)	New SAT (400–1600)	Old SAT (600–2400)
1150	1590	1310	1840	1470	2110
1160	1610	1320	1850	1480	2130
1170	1620	1330	1870	1490	2150
1180	1640	1340	1880	1500	2170
1190	1650	1350	1900	1510	2190
1200	1670	1360	1920	1520	2210
1210	1680	1370	1930	1530	2230
1220	1700	1380	1950	1540	2260
1230	1710	1390	1970	1550	2280
1240	1730	1400	1990	1560	2300
1250	1750	1410	2000	1570	2330
1260	1760	1420	2020	1580	2350
1270	1780	1430	2040	1590	2370
1280	1790	1440	2060	1600	2390
1290	1810	1450	2080		
1300	1820	1460	2090		

Figure A-7.12: New SAT to old SAT concordance plot for total scores

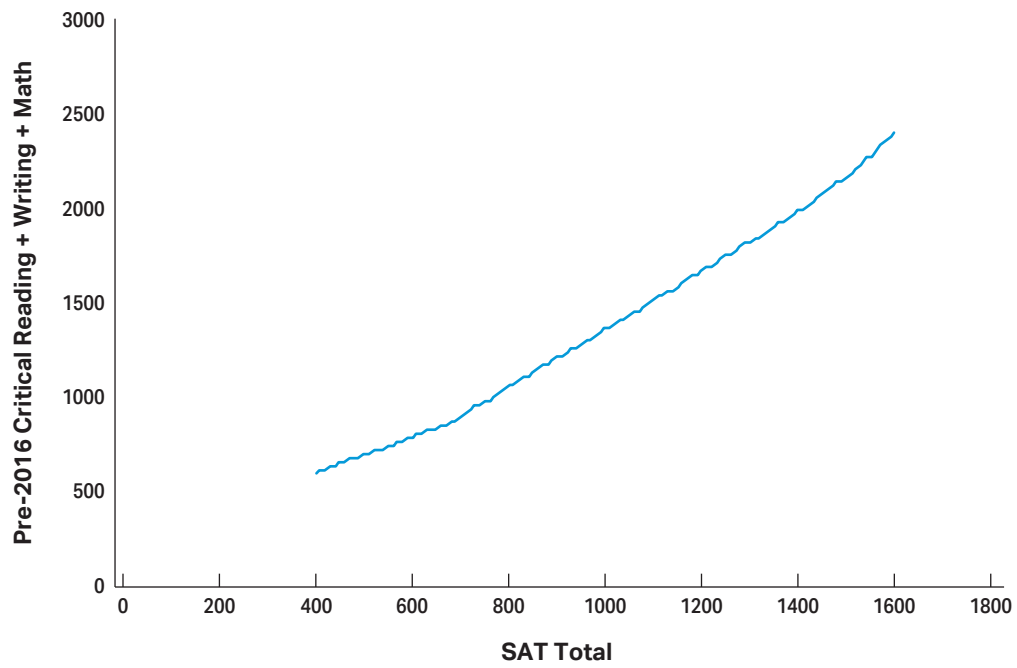


Table A-7.29: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Math Scores

Old PSAT/NMSQT Math (20–80)	New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	New PSAT/NMSQT and PSAT 10 Math Test Score (8–38)
20	200	10
21	220	11
22	230	11.5
23	250	12.5
24	260	13
25	280	14
26	300	15
27	310	15.5
28	330	16.5
29	340	17
30	350	17.5
31	360	18
32	360	18
33	370	18.5
34	380	19
35	390	19.5
36	400	20
37	410	20.5
38	420	21
39	430	21.5
40	440	22
41	450	22.5
42	460	23
43	470	23.5
44	480	24

Table A-7.29 continued on next page

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Old PSAT/NMSQT Math (20–80)	New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	New PSAT/NMSQT and PSAT 10 Math Test Score (8–38)
45	490	24.5
46	500	25
47	510	25.5
48	510	25.5
49	520	26
50	530	26.5
51	540	27
52	550	27.5
53	560	28
54	570	28.5
55	570	28.5
56	580	29
57	590	29.5
58	600	30
59	610	30.5
60	620	31
61	630	31.5
62	640	32
63	650	32.5
64	660	33
65	670	33.5
66	690	34.5
67	700	35
68	710	35.5
69	720	36

Table A-7.29 continued on next page

Table A-7.29 continued from previous page

Old PSAT/NMSQT Math (20–80)	New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	New PSAT/NMSQT and PSAT 10 Math Test Score (8–38)
70	730	36.5
71	740	37
72	750	37.5
73	760	38
74	760	38
75	760	38
76	760	38
77	760	38
78	760	38
79	760	38
80	760	38

Table A-7.30: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for Math Scores

New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	Old PSAT/NMSQT Math (20–80)	New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	Old PSAT/NMSQT Math (20–80)
160	20	410	37
170	20	420	38
180	20	430	39
190	20	440	40
200	20	450	41
210	20	460	42
220	21	470	43
230	22	480	44
240	22	490	45
250	23	500	46
260	24	510	47
270	24	520	49
280	25	530	50
290	26	540	51
300	26	550	52
310	27	560	53
320	28	570	55
330	28	580	56
340	29	590	57
350	30	600	58
360	31	610	59
370	33	620	60
380	34	630	61
390	35	640	62
400	36	650	63

Table A-7.30 continued on next page

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New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	Old PSAT/NMSQT Math (20–80)	New PSAT/NMSQT and PSAT 10 Math Section Score (160–760)	Old PSAT/NMSQT Math (20–80)
660	64	720	69
670	65	730	70
680	65	740	71
690	66	750	72
700	67	760	74
710	68		

Table A-7.31: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Reading Scores

PSAT/NMSQT Critical Reading (20–80)	PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)	PSAT/NMSQT Critical Reading (20–80)	PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)
20	10	45	25
21	11	46	25
22	12	47	26
23	13	48	26
24	13	49	27
25	14	50	27
26	15	51	28
27	16	52	28
28	17	53	29
29	17	54	29
30	18	55	30
31	18	56	30
32	18	57	31
33	19	58	31
34	19	59	32
35	19	60	32
36	20	61	33
37	20	62	33
38	21	63	34
39	21	64	34
40	22	65	35
41	22	66	35
42	23	67	36
43	24	68	36
44	24	69	37

Table A-7.31 continued on next page

Table A-7.31 continued from previous page

PSAT/NMSQT Critical Reading (20–80)	PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)	PSAT/NMSQT Critical Reading (20–80)	PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)
70	37	76	38
71	37	77	38
72	38	78	38
73	38	79	38
74	38	80	38
75	38		

Table A-7.32: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for Reading Scores

New PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)	Old PSAT/NMSQT Critical Reading (20–80)	New PSAT/NMSQT and PSAT 10 Reading Test Score (8–38)	Old PSAT/NMSQT Critical Reading (20–80)
8	20	24	44
9	20	25	46
10	20	26	48
11	21	27	50
12	22	28	52
13	24	29	53
14	25	30	55
15	26	31	57
16	27	32	59
17	28	33	61
18	31	34	64
19	34	35	66
20	37	36	68
21	38	37	70
22	40	38	72
23	42		

Table A-7.33: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Writing Scores

Old PSAT/NMSQT Writing (20–80)	New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)	Old PSAT/NMSQT Writing (20–80)	New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)
20	10	44	25
21	11	45	26
22	11	46	27
23	12	47	27
24	13	48	28
25	14	49	28
26	14	50	28
27	15	51	29
28	16	52	29
29	17	53	30
30	17	54	30
31	18	55	31
32	18	56	31
33	19	57	32
34	19	58	32
35	20	59	33
36	21	60	33
37	21	61	33
38	22	62	34
39	22	63	34
40	23	64	35
41	24	65	35
42	24	66	35
43	25	67	36

Table A-7.33 continued on next page

Table A-7.33 continued from previous page

Old PSAT/NMSQT Writing (20–80)	New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)	Old PSAT/NMSQT Writing (20–80)	New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)
68	36	75	38
69	36	76	38
70	37	77	38
71	37	78	38
72	37	79	38
73	38	80	38
74	38		

Table A-7.34: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for Writing Scores

New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)	Old PSAT/NMSQT Writing (20–80)	New PSAT/NMSQT and PSAT 10 Writing and Language (8–38)	Old PSAT/NMSQT Writing (20–80)
8	20	24	42
9	20	25	43
10	20	26	45
11	22	27	47
12	23	28	49
13	24	29	51
14	26	30	53
15	27	31	55
16	28	32	57
17	30	33	60
18	32	34	63
19	34	35	65
20	35	36	68
21	37	37	71
22	38	38	74
23	40		

Table A-7.35: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Combined Reading and Writing Scores

Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)
40	200	64	370
41	210	65	370
42	220	66	380
43	230	67	380
44	240	68	390
45	260	69	390
46	270	70	400
47	280	71	400
48	290	72	410
49	300	73	410
50	310	74	420
51	310	75	420
52	320	76	430
53	320	77	430
54	330	78	440
55	330	79	440
56	330	80	450
57	340	81	450
58	340	82	460
59	350	83	460
60	350	84	470
61	360	85	480
62	360	86	480
63	360	87	490

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Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)
88	490	112	620
89	500	113	620
90	500	114	630
91	510	115	630
92	510	116	640
93	520	117	640
94	530	118	650
95	530	119	650
96	540	120	650
97	540	121	660
98	550	122	660
99	550	123	670
100	560	124	670
101	560	125	680
102	570	126	680
103	570	127	680
104	580	128	690
105	580	129	690
106	590	130	700
107	590	131	700
108	600	132	700
109	600	133	710
110	610	134	710
111	610	135	710

Table A-7.35 continued on next page

Table A-7.35 continued from previous page

Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)
136	720	149	760
137	720	150	760
138	730	151	760
139	730	152	760
140	730	153	760
141	740	154	760
142	740	155	760
143	740	156	760
144	750	157	760
145	750	158	760
146	750	159	760
147	760	160	760
148	760		

Table A-7.36: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for Combined Reading and Writing Scores

New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)
160	40	400	71
170	40	410	73
180	40	420	75
190	40	430	77
200	40	440	79
210	41	450	80
220	42	460	82
230	43	470	84
240	44	480	86
250	44	490	88
260	45	500	89
270	46	510	91
280	47	520	93
290	48	530	95
300	49	540	97
310	50	550	99
320	52	560	101
330	55	570	102
340	57	580	104
350	60	590	106
360	62	600	108
370	64	610	110
380	66	620	112
390	69	630	115

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New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)	New PSAT/NMSQT and PSAT 10 Evidence-Based Reading and Writing (160–760)	Old PSAT/NMSQT Critical Reading + Writing (40–160)
640	117	710	134
650	119	720	137
660	121	730	139
670	124	740	142
680	126	750	145
690	129	760	148
700	131		

Table A-7.37: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Old PSAT/NMSQT Combined Reading and Math Scores to New PSAT/NMSQT and PSAT 10 Total Scores

Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
40	400	64	740
41	420	65	750
42	430	66	750
43	450	67	760
44	460	68	770
45	480	69	780
46	490	70	790
47	510	71	800
48	520	72	810
49	530	73	820
50	550	74	830
51	560	75	840
52	580	76	850
53	590	77	860
54	610	78	860
55	620	79	870
56	640	80	880
57	650	81	890
58	670	82	900
59	680	83	910
60	700	84	920
61	710	85	930
62	720	86	940
63	730	87	950

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Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
88	960	113	1200
89	970	114	1210
90	980	115	1220
91	990	116	1230
92	1000	117	1240
93	1010	118	1250
94	1020	119	1260
95	1030	120	1270
96	1040	121	1280
97	1050	122	1290
98	1060	123	1300
99	1070	124	1310
100	1080	125	1310
101	1090	126	1320
102	1100	127	1330
103	1110	128	1340
104	1120	129	1350
105	1130	130	1360
106	1130	131	1370
107	1140	132	1380
108	1150	133	1390
109	1160	134	1400
110	1170	135	1410
111	1180	136	1420
112	1190	137	1420

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Table A-7.37 continued from previous page

Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
138	1430	150	1520
139	1440	151	1520
140	1450	152	1520
141	1460	153	1520
142	1470	154	1520
143	1480	155	1520
144	1480	156	1520
145	1490	157	1520
146	1500	158	1520
147	1510	159	1520
148	1510	160	1520
149	1520		

Table A-7.38: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for New PSAT/NMSQT and PSAT 10 Total Scores to Old PSAT/NMSQT Combined Reading and Math Scores

New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)
320	40	560	51
330	40	570	51
340	40	580	52
350	40	590	53
360	40	600	54
370	40	610	54
380	40	620	55
390	40	630	56
400	40	640	56
410	41	650	57
420	41	660	58
430	42	670	58
440	43	680	59
450	43	690	60
460	44	700	60
470	45	710	61
480	45	720	62
490	46	730	63
500	47	740	64
510	47	750	66
520	48	760	67
530	49	770	68
540	49	780	69
550	50	790	70

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New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)
800	71	1050	97
810	72	1060	98
820	73	1070	99
830	74	1080	100
840	75	1090	101
850	76	1100	102
860	78	1110	103
870	79	1120	104
880	80	1130	106
890	81	1140	107
900	82	1150	108
910	83	1160	109
920	84	1170	110
930	85	1180	111
940	86	1190	112
950	87	1200	113
960	88	1210	114
970	89	1220	115
980	90	1230	116
990	91	1240	117
1000	92	1250	118
1010	93	1260	119
1020	94	1270	120
1030	95	1280	121
1040	96	1290	122

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New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math (40–160)
1300	123	1420	137
1310	125	1430	138
1320	126	1440	139
1330	127	1450	140
1340	128	1460	141
1350	129	1470	142
1360	130	1480	143
1370	131	1490	145
1380	132	1500	146
1390	133	1510	147
1400	134	1520	149
1410	135		

Table A-7.39: Old PSAT/NMSQT to New PSAT/NMSQT and PSAT 10 Concordance Table for Total Scores

Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
60	400	84	650
61	410	85	660
62	420	86	670
63	430	87	680
64	440	88	690
65	450	89	690
66	460	90	700
67	470	91	710
68	480	92	710
69	490	93	720
70	500	94	730
71	510	95	730
72	520	96	740
73	530	97	740
74	540	98	750
75	550	99	760
76	560	100	760
77	580	101	770
78	590	102	780
79	600	103	780
80	610	104	790
81	620	105	800
82	630	106	800
83	640	107	810

Table A-7.39 continued on next page

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Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
108	810	132	980
109	820	133	980
110	830	134	990
111	830	135	1000
112	840	136	1000
113	850	137	1010
114	850	138	1020
115	860	139	1020
116	870	140	1030
117	870	141	1030
118	880	142	1040
119	890	143	1050
120	890	144	1050
121	900	145	1060
122	910	146	1070
123	910	147	1070
124	920	148	1080
125	930	149	1090
126	930	150	1090
127	940	151	1100
128	950	152	1110
129	950	153	1110
130	960	154	1120
131	970	155	1120

Table A-7.39 continued on next page

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Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
156	1130	180	1290
157	1140	181	1290
158	1140	182	1300
159	1150	183	1300
160	1160	184	1310
161	1160	185	1320
162	1170	186	1320
163	1180	187	1330
164	1180	188	1340
165	1190	189	1340
166	1200	190	1350
167	1200	191	1350
168	1210	192	1360
169	1210	193	1370
170	1220	194	1370
171	1230	195	1380
172	1230	196	1380
173	1240	197	1390
174	1250	198	1400
175	1250	199	1400
176	1260	200	1410
177	1270	201	1410
178	1270	202	1420
179	1280	203	1430

Table A-7.39 continued on next page

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Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)
204	1430	223	1520
205	1440	224	1520
206	1440	225	1520
207	1450	226	1520
208	1450	227	1520
209	1460	228	1520
210	1470	229	1520
211	1470	230	1520
212	1480	231	1520
213	1480	232	1520
214	1490	233	1520
215	1490	234	1520
216	1500	235	1520
217	1500	236	1520
218	1510	237	1520
219	1510	238	1520
220	1510	239	1520
221	1520	240	1520
222	1520		

Table A-7.40: New PSAT/NMSQT and PSAT 10 to Old PSAT/NMSQT Concordance Table for Total Scores

New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)
320	60	560	75
330	60	570	76
340	60	580	77
350	60	590	78
360	60	600	79
370	60	610	80
380	60	620	81
390	60	630	82
400	60	640	83
410	61	650	84
420	62	660	85
430	63	670	86
440	64	680	87
450	65	690	88
460	66	700	90
470	67	710	91
480	68	720	93
490	69	730	95
500	70	740	96
510	71	750	98
520	72	760	99
530	73	770	101
540	73	780	103
550	74	790	104

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New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)
800	106	1040	142
810	107	1050	143
820	109	1060	145
830	111	1070	146
840	112	1080	148
850	114	1090	149
860	115	1100	151
870	117	1110	153
880	118	1120	154
890	120	1130	156
900	121	1140	157
910	122	1150	159
920	124	1160	161
930	125	1170	162
940	127	1180	164
950	128	1190	165
960	130	1200	167
970	131	1210	168
980	133	1220	170
990	134	1230	171
1000	136	1240	173
1010	137	1250	175
1020	139	1260	176
1030	140	1270	178

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New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)	New PSAT/NMSQT and PSAT 10 Total (ERW + Math; 320–1520)	Old PSAT/NMSQT Critical Reading + Math + Writing (60–240)
1280	179	1410	200
1290	181	1420	202
1300	182	1430	204
1310	184	1440	206
1320	185	1450	208
1330	187	1460	209
1340	188	1470	211
1350	190	1480	213
1360	192	1490	215
1370	193	1500	217
1380	195	1510	219
1390	197	1520	221
1400	199		

Table A-7.41: ACT Composite to SAT Total

ACT Composite Score	New SAT Total (400–1600)	ACT Composite Score	New SAT Total (400–1600)
36	1600	23	1140
35	1570	22	1110
34	1540	21	1070
33	1500	20	1030
32	1470	19	990
31	1430	18	950
30	1400	17	910
29	1360	16	870
28	1320	15	830
27	1290	14	780
26	1260	13	740
25	1220	12	680
24	1180	11	590

Table A-7.42: ACT Writing (pre-2015) to SAT Writing and Language Test Score

ACT English/Writing Score	New SAT Writing and Language (10–40)	ACT English/Writing Score	New SAT Writing and Language (10–40)
36	40	23	30
35	40	22	29
34	39	21	28
33	38	20	27
32	37	19	26
31	36	18	25
30	36	17	24
29	35	16	23
28	34	15	22
27	33	14	21
26	33	13	19
25	32	12	19
24	31	11	18

Table A-7.43: SAT Total to ACT Composite

New SAT Total (400–1600)	ACT Composite Score	New SAT Total (400–1600)	ACT Composite Score	New SAT Total (400–1600)	ACT Composite Score
1600	36	1350	29	1100	22
1590	35	1340	28	1090	21
1580	35	1330	28	1080	21
1570	35	1320	28	1070	21
1560	35	1310	28	1060	21
1550	34	1300	27	1050	20
1540	34	1290	27	1040	20
1530	34	1280	27	1030	20
1520	34	1270	26	1020	20
1510	33	1260	26	1010	19
1500	33	1250	26	1000	19
1490	33	1240	26	990	19
1480	32	1230	25	980	19
1470	32	1220	25	970	18
1460	32	1210	25	960	18
1450	32	1200	25	950	18
1440	31	1190	24	940	18
1430	31	1180	24	930	17
1420	31	1170	24	920	17
1410	30	1160	24	910	17
1400	30	1150	23	900	17
1390	30	1140	23	890	16
1380	29	1130	23	880	16
1370	29	1120	22	870	16
1360	29	1110	22	860	16

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New SAT Total (400–1600)	ACT Composite Score	New SAT Total (400–1600)	ACT Composite Score	New SAT Total (400–1600)	ACT Composite Score
850	15	750	13	650	12
840	15	740	13	640	12
830	15	730	13	630	12
820	15	720	13	620	11
810	15	710	12	610	11
800	14	700	12	600	11
790	14	690	12	590	11
780	14	680	12	580	11
770	14	670	12	570	11
760	14	660	12	560	11

Table A-7.44: SAT Writing and Language Test Score to ACT Writing (pre-2015)

New SAT Writing and Language (10–40)	ACT English/ Writing Score	New SAT Writing and Language (10–40)	ACT English/ Writing Score	New SAT Writing and Language (10–40)	ACT English/ Writing Score
40	34	32	25	24	17
39	33	31	24	23	16
38	33	30	23	22	15
37	32	29	22	21	14
36	30	28	21	20	13
35	29	27	20	19	13
34	28	26	19	18	12
33	26	25	18	17	11

Table A-7.45: College Outcomes: By College and Career Readiness Benchmark Status

		Variable	Met College and Career Readiness Benchmark	Did Not Meet College and Career Readiness Benchmark
Four-Year College Outcomes	Percent attaining	Enrolled in remedial coursework in first year	5.3	26.7
		Retained to second year	88.8	77.6
		Retained to third year	81.4	64.0
		Graduated in 4 years	52.6	27.6
		Graduated in 5 years	76.1	51.9
	Mean	FYGPA	3.07	2.57
		CumGPA	3.25	2.90
	Two-Year College Outcomes	Percent attaining	Enrolled in remedial coursework in first year	30.6
Retained to second year or transferred to a 4-year school			85.7	80.1
Retained to third year or transferred to a 4-year school			71.7	62.8
Graduated in 2 years			13.5	6.7
Graduated in 3 years			28.3	19.8
Mean		FYGPA	2.81	2.30
		CumGPA	2.73	2.23
Workforce Training Outcomes		Percent attaining	Graduated in 2 years	10.3
	Graduated in 3 years		27.8	22.0
	Mean	Overall FYGPA	3.08	2.75
		Occupational FYGPA	3.26	2.94
		Overall CumGPA	3.12	2.78
		Occupational CumGPA	3.28	3.01

Note: Remedial coursework at 2-year institutions is defined as coursework for which either no credit is awarded or for which credits can't be applied toward a degree. Remedial coursework at a 4-year college is defined as coursework for which credit can't be applied toward graduation.

Table A-7.46: College Outcomes in Social Science/History, Literature, and Writing Courses: By Evidence-Based Reading and Writing Benchmark Status

Variable			Met the ERW Benchmark	Did Not Meet the ERW Benchmark
Four-Year College Outcomes	Percent	Enrolled in Reading/Writing remedial coursework in first year	4.0	25.5
	Mean	Literature/Social Science/History/Writing FYGPA	3.02	2.29
Two-Year College Outcomes	Percent	Enrolled in Reading/Writing remedial coursework in first year	15.7	52.9
	Mean	Literature/Social Science/History/Writing FYGPA	2.71	2.03

Table A-7.47: College Outcomes in Math Courses: By Math Benchmark Status

Variable			Met the Math Benchmark	Did Not Meet the Math Benchmark
Four-Year College Outcomes	Percent	Enrolled in Math remedial coursework in first year	2.7	17.5
	Mean	Math FYGPA	2.79	2.14
Two-Year College Outcomes	Percent	Enrolled in Math remedial coursework in first year	3.1	27.7
	Mean	Math FYGPA	2.50	1.94