

End-of-Course Raw To Scale Score Conversion Chart

Algebra I			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	35-50	225-250
Spring 2015	Proficient	22-34	200-224
Spring 2015	Basic	17-21	188-199
Spring 2015	Below Basic	0-16	100-187
Summer 2015	Advanced	32-50	225-250
Summer 2015	Proficient	18-31	200-224
Summer 2015	Basic	13-17	188-199
Summer 2015	Below Basic	0-12	100-187
Fall 2015	Advanced	35-50	225-250
Fall 2015	Proficient	22-34	200-224
Fall 2015	Basic	17-21	188-199
Fall 2015	Below Basic	0-16	100-187
Spring 2016	Advanced	32-50	225-250
Spring 2016	Proficient	18-31	200-224
Spring 2016	Basic	13-17	188-199
Spring 2016	Below Basic	0-12	100-187
Summer 2016	Advanced	32-50	225-250
Summer 2016	Proficient	18-31	200-224
Summer 2016	Basic	13-17	188-199
Summer 2016	Below Basic	0-12	100-187
Fall 2016	Advanced	32-50	225-250
Fall 2016	Proficient	18-31	200-224
Fall 2016	Basic	13-17	188-199
Fall 2016	Below Basic	0-12	100-187
Spring 2017	Advanced	Data Under Review	225-250
Spring 2017	Proficient	Data Under Review	200-224
Spring 2017	Basic	Data Under Review	188-199
Spring 2017	Below Basic	Data Under Review	100-187
Summer 2017	Advanced	Data Under Review	225-250
Summer 2017	Proficient	Data Under Review	200-224
Summer 2017	Basic	Data Under Review	188-199
Summer 2017	Below Basic	Data Under Review	100-187

In addition to this document, districts may use the EOC Curved Percentages chart. That chart can be found here: <http://dese.mo.gov/sites/default/files/asmt-eoc-curved-percentages.pdf>

End-of-Course Raw To Scale Score Conversion Chart

English II			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	38-45	225-250
Spring 2015	Proficient	28-37	200-224
Spring 2015	Basic	19-27	182-199
Spring 2015	Below Basic	0-18	100-181
Summer 2015	Advanced	38-45	225-250
Summer 2015	Proficient	27-37	200-224
Summer 2015	Basic	17-26	182-199
Summer 2015	Below Basic	0-16	100-181
Fall 2015	Advanced	38-45	225-250
Fall 2015	Proficient	28-37	200-224
Fall 2015	Basic	19-27	182-199
Fall 2015	Below Basic	0-18	100-181
Spring 2016	Advanced	38-45	225-250
Spring 2016	Proficient	27-37	200-224
Spring 2016	Basic	17-26	182-199
Spring 2016	Below Basic	0-16	100-181
Summer 2016	Advanced	38-45	225-250
Summer 2016	Proficient	27-37	200-224
Summer 2016	Basic	17-26	182-199
Summer 2016	Below Basic	0-16	100-181
Fall 2016	Advanced	38-45	225-250
Fall 2016	Proficient	27-37	200-224
Fall 2016	Basic	17-26	182-199
Fall 2016	Below Basic	0-16	100-181
Spring 2017	Advanced	Data Under Review	225-250
Spring 2017	Proficient	Data Under Review	200-224
Spring 2017	Basic	Data Under Review	182-199
Spring 2017	Below Basic	Data Under Review	100-181
Summer 2017	Advanced	Data Under Review	225-250
Summer 2017	Proficient	Data Under Review	200-224
Summer 2017	Basic	Data Under Review	182-199
Summer 2017	Below Basic	Data Under Review	100-181

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Biology			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	44-55	225-250
Spring 2015	Proficient	30-43	200-224
Spring 2015	Basic	16-29	177-199
Spring 2015	Below Basic	0-15	100-176
Summer 2015	Advanced	44-55	225-250
Summer 2015	Proficient	30-43	200-224
Summer 2015	Basic	16-29	177-199
Summer 2015	Below Basic	0-15	100-176
Fall 2015	Advanced	44-55	225-250
Fall 2015	Proficient	32-43	200-224
Fall 2015	Basic	18-31	177-199
Fall 2015	Below Basic	0-17	100-177
Spring 2016	Advanced	44-55	225-250
Spring 2016	Proficient	31-43	200-224
Spring 2016	Basic	17-30	177-199
Spring 2016	Below Basic	0-16	100-177
Summer 2016	Advanced	44-55	225-250
Summer 2016	Proficient	32-43	200-224
Summer 2016	Basic	18-31	177-199
Summer 2016	Below Basic	0-17	100-177
Fall 2016	Advanced	45-55	225-250
Fall 2016	Proficient	32-44	200-224
Fall 2016	Basic	19-31	177-199
Fall 2016	Below Basic	0-18	100-177
Spring 2017	Advanced	45-55	225-250
Spring 2017	Proficient	33-44	200-224
Spring 2017	Basic	19-32	177-199
Spring 2017	Below Basic	0-18	100-177
Summer 2017	Advanced	45-55	225-250
Summer 2017	Proficient	33-44	200-224
Summer 2017	Basic	19-32	177-199
Summer 2017	Below Basic	0-18	100-177

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Government			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	33-40	225-250
Spring 2015	Proficient	24-32	200-224
Spring 2015	Basic	15-23	179-199
Spring 2015	Below Basic	0-14	100-178
Summer 2015	Advanced	34-40	225-250
Summer 2015	Proficient	25-33	200-224
Summer 2015	Basic	15-24	179-199
Summer 2015	Below Basic	0-14	100-178
Fall 2015	Advanced	34-40	225-250
Fall 2015	Proficient	25-33	200-224
Fall 2015	Basic	15-24	179-199
Fall 2015	Below Basic	0-14	100-178
Spring 2016	Advanced	34-40	225-250
Spring 2016	Proficient	25-33	200-224
Spring 2016	Basic	16-24	179-199
Spring 2016	Below Basic	0-15	100-178
Summer 2016	Advanced	34-40	225-250
Summer 2016	Proficient	25-33	200-224
Summer 2016	Basic	16-24	179-199
Summer 2016	Below Basic	0-15	100-178
Fall 2016	Advanced	34-40	225-250
Fall 2016	Proficient	25-33	200-224
Fall 2016	Basic	16-24	179-199
Fall 2016	Below Basic	0-15	100-178
Spring 2017	Advanced	33-40	225-250
Spring 2017	Proficient	24-31	200-224
Spring 2017	Basic	15-23	179-199
Spring 2017	Below Basic	0-14	100-178
Summer 2017	Advanced	33-40	225-250
Summer 2017	Proficient	24-31	200-224
Summer 2017	Basic	15-23	179-199
Summer 2017	Below Basic	0-14	100-178

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Algebra II			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	29-40	225-250
Spring 2015	Proficient	21-28	200-224
Spring 2015	Basic	16-20	186-199
Spring 2015	Below Basic	0-15	100-185
Summer 2015	Advanced	30-40	225-250
Summer 2015	Proficient	21-29	200-224
Summer 2015	Basic	16-20	186-199
Summer 2015	Below Basic	0-15	100-185
Fall 2015	Advanced	29-40	225-250
Fall 2015	Proficient	21-28	200-224
Fall 2015	Basic	16-20	186-199
Fall 2015	Below Basic	0-15	100-185
Spring 2016	Advanced	30-40	225-250
Spring 2016	Proficient	21-29	200-224
Spring 2016	Basic	16-20	186-199
Spring 2016	Below Basic	0-15	100-185
Summer 2016	Advanced	30-40	225-250
Summer 2016	Proficient	21-29	200-224
Summer 2016	Basic	16-20	186-199
Summer 2016	Below Basic	0-15	100-185
Fall 2016	Advanced	30-40	225-250
Fall 2016	Proficient	21-29	200-224
Fall 2016	Basic	16-20	186-199
Fall 2016	Below Basic	0-15	100-185
Spring 2017	Advanced	29-40	225-250
Spring 2017	Proficient	21-28	200-224
Spring 2017	Basic	16-20	186-199
Spring 2017	Below Basic	0-15	100-185
Summer 2017	Advanced	29-40	225-250
Summer 2017	Proficient	21-28	200-224
Summer 2017	Basic	16-20	186-199
Summer 2017	Below Basic	0-15	100-185

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American History			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	31-40	225-250
Spring 2015	Proficient	24-30	200-224
Spring 2015	Basic	18-23	182-199
Spring 2015	Below Basic	0-17	100-181
Summer 2015	Advanced	31-40	225-250
Summer 2015	Proficient	24-30	200-224
Summer 2015	Basic	18-23	182-199
Summer 2015	Below Basic	0-17	100-181
Fall 2015	Advanced	31-40	225-250
Fall 2015	Proficient	24-30	200-224
Fall 2015	Basic	18-23	182-199
Fall 2015	Below Basic	0-17	100-181
Spring 2016	Advanced	31-40	225-250
Spring 2016	Proficient	24-30	200-224
Spring 2016	Basic	18-23	182-199
Spring 2016	Below Basic	0-17	100-181
Summer 2016	Advanced	31-40	225-250
Summer 2016	Proficient	24-30	200-224
Summer 2016	Basic	18-23	182-199
Summer 2016	Below Basic	0-17	100-181
Fall 2016	Advanced	31-40	225-250
Fall 2016	Proficient	24-30	200-224
Fall 2016	Basic	18-23	182-199
Fall 2016	Below Basic	0-17	100-181
Spring 2017	Advanced	31-40	225-250
Spring 2017	Proficient	24-30	200-224
Spring 2017	Basic	18-23	182-199
Spring 2017	Below Basic	0-17	100-181
Summer 2017	Advanced	31-40	225-250
Summer 2017	Proficient	24-30	200-224
Summer 2017	Basic	18-23	182-199
Summer 2017	Below Basic	0-17	100-181

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English I			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	37-45	225-250
Spring 2015	Proficient	27-36	200-224
Spring 2015	Basic	18-26	180-199
Spring 2015	Below Basic	0-17	100-179
Summer 2015	Advanced	37-45	225-250
Summer 2015	Proficient	27-36	200-224
Summer 2015	Basic	18-26	180-199
Summer 2015	Below Basic	0-17	100-179
Fall 2015	Advanced	37-45	225-250
Fall 2015	Proficient	27-36	200-224
Fall 2015	Basic	18-26	180-199
Fall 2015	Below Basic	0-17	100-179
Spring 2016	Advanced	37-45	225-250
Spring 2016	Proficient	27-36	200-224
Spring 2016	Basic	18-26	180-199
Spring 2016	Below Basic	0-17	100-179
Summer 2016	Advanced	37-45	225-250
Summer 2016	Proficient	27-36	200-224
Summer 2016	Basic	18-26	180-199
Summer 2016	Below Basic	0-17	100-179
Fall 2016	Advanced	37-45	225-250
Fall 2016	Proficient	27-36	200-224
Fall 2016	Basic	18-26	180-199
Fall 2016	Below Basic	0-17	100-179
Spring 2017	Advanced	37-45	225-250
Spring 2017	Proficient	27-36	200-224
Spring 2017	Basic	18-26	180-199
Spring 2017	Below Basic	0-17	100-179
Summer 2017	Advanced	37-45	225-250
Summer 2017	Proficient	27-36	200-224
Summer 2017	Basic	18-26	180-199
Summer 2017	Below Basic	0-17	100-179

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Geometry			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	30-40	225-250
Spring 2015	Proficient	20-29	200-224
Spring 2015	Basic	16-19	189-199
Spring 2015	Below Basic	0-15	100-188
Summer 2015	Advanced	30-40	225-250
Summer 2015	Proficient	20-29	200-224
Summer 2015	Basic	16-19	189-199
Summer 2015	Below Basic	0-15	100-188
Fall 2015	Advanced	30-40	225-250
Fall 2015	Proficient	20-29	200-224
Fall 2015	Basic	16-19	189-199
Fall 2015	Below Basic	0-15	100-188
Spring 2016	Advanced	30-40	225-250
Spring 2016	Proficient	20-29	200-224
Spring 2016	Basic	16-19	189-199
Spring 2016	Below Basic	0-15	100-188
Summer 2016	Advanced	30-40	225-250
Summer 2016	Proficient	20-29	200-224
Summer 2016	Basic	16-19	189-199
Summer 2016	Below Basic	0-15	100-188
Fall 2016	Advanced	30-40	225-250
Fall 2016	Proficient	20-29	200-224
Fall 2016	Basic	16-19	189-199
Fall 2016	Below Basic	0-15	100-188
Spring 2017	Advanced	30-40	225-250
Spring 2017	Proficient	20-29	200-224
Spring 2017	Basic	16-19	189-199
Spring 2017	Below Basic	0-15	100-188
Summer 2017	Advanced	30-40	225-250
Summer 2017	Proficient	20-29	200-224
Summer 2017	Basic	16-19	189-199
Summer 2017	Below Basic	0-15	100-188

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Physical Science			
Administration Window	Achievement Level	Raw Score	Scale Score
Spring 2015	Advanced	33-45	225-250
Spring 2015	Proficient	24-32	200-224
Spring 2015	Basic	12-23	168-199
Spring 2015	Below Basic	0-11	100-167
Summer 2015	Advanced	33-45	225-250
Summer 2015	Proficient	24-32	200-224
Summer 2015	Basic	12-23	168-199
Summer 2015	Below Basic	0-11	100-167
Fall 2015	Advanced	33-45	225-250
Fall 2015	Proficient	24-32	200-224
Fall 2015	Basic	12-23	168-199
Fall 2015	Below Basic	0-11	100-167
Spring 2016	Advanced	33-45	225-250
Spring 2016	Proficient	24-32	200-224
Spring 2016	Basic	12-23	168-199
Spring 2016	Below Basic	0-11	100-167
Summer 2016	Advanced	33-45	225-250
Summer 2016	Proficient	24-32	200-224
Summer 2016	Basic	12-23	168-199
Summer 2016	Below Basic	0-11	100-167
Fall 2016	Advanced	33-45	225-250
Fall 2016	Proficient	24-32	200-224
Fall 2016	Basic	12-23	168-199
Fall 2016	Below Basic	0-11	100-167
Spring 2017	Advanced	33-45	225-250
Spring 2017	Proficient	24-32	200-224
Spring 2017	Basic	12-23	168-199
Spring 2017	Below Basic	0-11	100-167
Summer 2017	Advanced	33-45	225-250
Summer 2017	Proficient	24-32	200-224
Summer 2017	Basic	12-23	168-199
Summer 2017	Below Basic	0-11	100-167

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