

APPENDIX H

ITEM-LEVEL SCORE DISTRIBUTIONS

**Table H-1. 2018 Next-Generation MCAS and MCAS-Alt Technical Report:
Item-Level Score Distributions for SR, CR, and ES Items—ELA**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point						
				0	1	2	3	4	5	
3	EL298283	67,698	2	21.87	27.13	50.94				
	EL298297	42,917	2	14.50	42.00	43.50				
	EL313855	67,813	2	21.95	36.50	41.46				
	EL313860	42,956	2	5.97	51.49	42.37				
	EL313868#SCORE_TRAIT_Conv	67,817	3	23.86	39.33	23.10	13.07			
	EL313868#SCORE_TRAIT_Ideadev	67,817	4	20.41	44.91	19.25	11.59	3.19		
	EL627935375#SCORE_TRAIT_Conv	67,817	3	33.97	43.38	17.35	4.24			
	EL627935375#SCORE_TRAIT_Ideadev	67,817	4	45.00	31.80	17.40	3.89	0.86		
	EL625959920	67,809	2	22.23	9.12	68.60				
	EL625961096	42,951	2	3.75	37.17	58.99				
EL625963791	67,782	3	12.83	59.55	22.79	4.19				
4	EL302970	68,928	2	2.76	21.50	75.71				
	EL302973	69,912	2	29.18	11.33	59.46				
	EL302989#SCORE_TRAIT_Conv	69,944	3	12.83	27.61	39.98	19.20			
	EL302989#SCORE_TRAIT_Ideadev	69,944	4	4.61	31.37	42.03	18.21	3.39		
	EL628645478	69,943	2	34.73	11.51	53.75				
	EL628657932	68,959	2	9.76	13.75	76.45				
	EL629542750#SCORE_TRAIT_Conv	69,944	3	8.20	32.99	32.47	25.98			
	EL629542750#SCORE_TRAIT_Ideadev	69,944	4	27.65	13.29	34.03	19.24	5.42		
	EL624359745	69,938	2	17.98	4.32	77.69				
	EL624360683	68,952	2	35.69	43.74	20.53				
EL624446590	69,928	3	6.70	27.88	55.89	9.28				
5	EL284530#SCORE_TRAIT_Conv	70,272	3	8.49	36.87	33.73	20.26			
	EL284530#SCORE_TRAIT_Ideadev	70,272	4	28.99	12.88	36.25	17.72	3.51		
	EL626264759	70,251	2	22.68	17.58	59.72				
	EL626266147#SCORE_TRAIT_Conv	70,272	3	9.65	29.74	38.40	21.81			
	EL626266147#SCORE_TRAIT_Ideadev	70,272	4	3.20	34.06	40.02	20.68	1.63		
	EL626266888	69,209	2	4.87	18.05	77.07				
	EL626533969	70,269	2	30.32	25.33	44.34				
	EL626540234	69,239	2	28.02	9.58	62.40				
	EL626172796	70,272	2	15.13	38.94	45.91				
	EL626173921#SCORE_TRAIT_Conv	70,272	3	10.05	35.90	40.99	12.72			
EL626173921#SCORE_TRAIT_Ideadev	70,272	4	8.49	36.29	42.00	12.24	0.64			
EL626175705	69,237	2	11.82	12.28	75.87					
6	EL627065455	69,083	2	19.27	7.36	73.32				
	EL627066612	53,832	2	15.79	51.79	32.35				
	EL627067637#SCORE_TRAIT_Conv	69,137	3	14.68	28.76	36.11	19.67			
	EL627067637#SCORE_TRAIT_Ideadev	69,137	5	11.36	33.67	34.32	15.61	3.68	0.56	
	EL627255182	69,134	2	17.91	3.68	78.38				
	EL627256179	53,859	2	18.08	41.62	40.26				
	EL627257199#SCORE_TRAIT_Conv	69,137	3	14.04	27.90	27.50	29.83			
	EL627257199#SCORE_TRAIT_Ideadev	69,137	5	20.48	18.03	30.47	21.77	6.66	1.86	
	EL628768042	69,137	2	34.36	8.80	56.80				
	EL628770775	15,275	2	21.06	15.88	62.83				
EL628771242	53,862	2	19.57	43.90	36.49					
EL628771852#SCORE_TRAIT_Conv	69,137	3	17.24	32.84	32.22	17.09				
EL628771852#SCORE_TRAIT_Ideadev	69,137	5	15.14	28.64	38.54	13.99	2.55	0.55		

continued

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point						
				0	1	2	3	4	5	
7	EL627034918	68,837	2	20.15	9.71	70.12				
	EL627048910	68,845	2	19.91	9.80	70.26				
	EL627050085#SCORE_TRAIT_Conv	68,865	3	4.44	17.02	32.03	45.56			
	EL627050085#SCORE_TRAIT_Ideadev	68,865	5	3.52	17.81	33.47	31.62	9.84	2.79	
	EL627259020	66,262	2	3.42	33.57	62.83				
	EL627332007	68,865	2	25.33	16.74	57.91				
	EL627333908#SCORE_TRAIT_Conv	68,865	3	9.86	20.95	28.91	39.35			
	EL627333908#SCORE_TRAIT_Ideadev	68,865	5	13.45	17.15	30.60	27.23	8.42	2.23	
	EL623857453	66,262	2	8.45	29.80	61.72				
	EL623857917	66,260	2	3.50	18.85	77.51				
	EL623858620#SCORE_TRAIT_Conv	68,865	3	14.74	26.49	29.70	28.24			
	EL623858620#SCORE_TRAIT_Ideadev	68,865	5	19.87	21.57	29.42	20.76	5.71	1.83	
	8	EL627139321	69,277	2	3.01	22.46	74.36			
EL627151569#SCORE_TRAIT_Conv		70,109	3	9.11	22.01	30.07	38.20			
EL627151569#SCORE_TRAIT_Ideadev		70,109	5	9.64	16.74	30.80	29.84	11.11	1.25	
EL627151948		70,089	2	44.00	25.16	30.83				
EL627159751		69,259	2	20.61	50.65	28.64				
EL627160756#SCORE_TRAIT_Conv		70,109	3	7.21	17.61	21.53	52.48			
EL627160756#SCORE_TRAIT_Ideadev		70,109	5	16.04	8.89	21.91	34.11	13.02	4.86	
EL627162870		70,108	2	29.20	16.43	54.35				
EL312941#SCORE_TRAIT_Conv		70,109	3	9.82	19.30	34.66	35.37			
EL312941#SCORE_TRAIT_Ideadev		70,109	5	10.22	18.60	34.67	25.80	7.32	2.54	
EL630547677		70,107	2	30.70	15.58	53.69				
EL632604902	69,275	2	7.77	39.52	52.61					

**Table H-2. 2018 Next-Generation MCAS and MCAS-Alt Technical Report:
Item-Level Score Distributions for SR, SA and CR Items—Mathematics**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
3	MA293503A	68,379	3	23.88	32.27	25.13	18.23		
	VH171898	68,392	3	24.36	15.01	49.12	10.73		
	1749-M23082	68,388	3	6.40	35.73	50.97	6.76		
	MA306343A	68,371	3	16.87	30.27	31.02	21.40		
4	0491-M02309	70,590	2	14.53	32.29	53.13			
	MA297972	70,602	4	12.54	18.08	16.64	17.37	35.12	
	MA311580	70,608	4	13.70	19.53	27.27	26.57	12.80	
	MA253717	70,609	4	10.91	5.07	21.14	5.69	57.12	
	MA311578	70,601	4	22.72	25.23	19.05	16.67	16.14	
	0494-M02316	70,587	2	24.08	23.93	51.96			
5	4510-M02866P	71,013	2	24.79	30.43	44.75			
	MA298005	71,022	4	9.80	7.39	42.11	17.92	22.48	
	MA309659	71,025	4	42.70	23.68	7.68	9.52	15.59	
	MA311361	71,032	4	31.07	28.26	19.55	14.04	6.84	
	0393-M01852	71,016	2	27.88	25.55	46.54			
	MA311352	71,028	4	34.57	19.15	25.92	8.59	11.52	
6	MA307396	69,725	4	32.14	33.61	11.30	11.22	10.94	
	MA251350	69,740	4	24.62	24.38	8.43	20.59	21.35	
	VH009541	69,702	2	34.07	26.58	39.25			
	MA249009	69,744	4	13.71	10.17	22.04	25.41	28.30	
	MA309782	69,738	4	59.72	12.86	14.50	5.83	5.77	
	VH016546	69,727	2	12.91	58.92	28.11			
7	1180-M21034P	69,454	2	35.72	38.72	25.44			
	MA272158	69,477	4	9.24	30.20	22.81	20.91	16.51	
	MA301866	69,462	4	41.89	15.45	12.61	13.93	13.82	
	1047-M20363P	69,450	2	31.94	36.45	31.51			
	MA272156	69,470	4	26.07	14.84	35.66	8.42	14.20	
	MA306640	69,456	4	29.65	20.70	10.07	17.11	16.51	
8	1239-M21249P	70,754	2	22.60	49.27	28.06			
	MA287544	70,786	4	5.40	24.17	20.11	18.92	30.82	
	1603-M20438P	70,773	2	20.94	36.14	42.84			
	MA307608	70,780	4	30.10	14.82	11.84	16.64	24.88	
	MA311437	70,784	4	15.80	21.68	22.98	22.99	15.30	

Table H-3. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for ELA—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3	comp1	5	0.00	0.00	3.73	95.66	0.50	0.10
	comp2	5	0.00	0.00	5.35	94.05	0.50	0.10
	comp3	5	0.00	0.00	7.06	92.33	0.40	0.20
	gp1	2	0.00	18.37	81.63			
	gp2	2	0.00	33.70	66.30			
	gp3	2	0.00	0.30	99.70			
	ind1	4	3.23	0.50	2.62	11.40	82.24	
	ind2	4	6.96	0.30	2.83	12.82	77.09	
	ind3	4	3.03	2.02	8.58	27.65	58.73	
	se1	2	0.61	1.01	98.39			
	se2	2	0.61	1.21	98.18			
	se3	2	1.21	1.41	97.38			
	sk1	4	3.23	0.10	0.91	7.47	88.29	
	sk2	4	6.96	0.10	0.91	10.29	81.74	
	sk3	4	3.03	29.26	23.21	40.77	3.73	
4	comp1	5	0.00	0.00	4.06	95.49	0.45	0.00
	comp2	5	0.00	0.00	4.24	95.13	0.63	0.00
	comp3	5	0.00	0.00	6.31	93.06	0.45	0.18
	gp1	2	0.00	18.85	81.15			
	gp2	2	0.00	35.35	64.65			
	gp3	2	0.00	0.09	99.91			
	ind1	4	3.61	0.63	1.53	11.72	82.51	
	ind2	4	5.23	0.36	3.07	13.35	78.00	
	ind3	4	1.53	1.53	10.28	31.11	55.55	
	se1	2	0.81	0.72	98.47			
	se2	2	0.99	0.99	98.02			
	se3	2	1.71	0.72	97.57			
	sk1	4	3.61	0.27	0.90	8.03	87.20	
	sk2	4	5.23	0.27	0.81	8.93	84.76	
	sk3	4	1.53	29.85	21.01	42.38	5.23	
5	comp1	5	0.00	0.00	2.35	97.56	0.09	0.00
	comp2	5	0.00	0.00	3.10	96.71	0.19	0.00
	comp3	5	0.00	0.00	3.85	95.96	0.19	0.00
	gp1	2	0.00	18.97	81.03			
	gp2	2	0.00	39.34	60.66			
	gp3	2	0.00	0.09	99.91			
	ind1	4	3.00	0.09	1.22	8.17	87.51	
	ind2	4	6.85	0.75	1.03	9.30	82.07	
	ind3	4	0.56	1.31	5.26	27.51	65.35	
	se1	2	1.03	1.03	97.93			
	se2	2	1.13	0.66	98.22			
	se3	2	1.69	0.47	97.84			
	sk1	4	3.00	0.00	0.56	9.20	87.23	
	sk2	4	6.85	0.00	1.22	9.48	82.44	
	sk3	4	0.56	24.60	20.75	49.11	4.98	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
6	comp1	5	0.00	0.00	3.67	96.33	0.00	0.00
	comp2	5	0.00	0.00	3.77	96.23	0.00	0.00
	comp3	5	0.00	0.00	5.56	94.44	0.00	0.00
	gp1	2	0.00	24.86	75.14			
	gp2	2	0.00	43.41	56.59			
	gp3	2	0.00	0.09	99.91			
	ind1	4	2.45	0.66	1.32	9.51	86.06	
	ind2	4	7.91	0.75	1.88	10.08	79.38	
	ind3	4	1.79	1.79	7.82	23.63	64.97	
	se1	2	0.85	0.56	98.59			
	se2	2	1.04	0.47	98.49			
	se3	2	1.88	0.66	97.46			
	sk1	4	2.45	0.19	0.66	7.25	89.45	
	sk2	4	7.91	0.00	0.85	8.66	82.58	
	sk3	4	1.79	24.95	21.00	46.33	5.93	
7	comp1	5	0.00	0.00	3.54	96.46	0.00	0.00
	comp2	5	0.00	0.00	3.95	96.05	0.00	0.00
	comp3	5	0.00	0.00	5.41	94.59	0.00	0.00
	gp1	2	0.00	21.23	78.77			
	gp2	2	0.00	40.27	59.73			
	gp3	2	0.00	0.21	99.79			
	ind1	4	3.33	0.62	1.35	8.32	86.37	
	ind2	4	6.66	0.52	1.04	9.16	82.62	
	ind3	4	1.66	1.25	6.56	21.54	68.99	
	se1	2	0.52	0.52	98.96			
	se2	2	0.52	0.52	98.96			
	se3	2	0.62	0.94	98.44			
	sk1	4	3.33	0.00	1.04	5.31	90.32	
	sk2	4	6.66	0.21	1.25	7.60	84.29	
	sk3	4	1.66	22.27	20.60	49.22	6.24	
8	comp1	5	0.00	0.00	4.51	95.38	0.11	0.00
	comp2	5	0.00	0.00	4.06	95.83	0.11	0.00
	comp3	5	0.00	0.00	6.88	93.01	0.00	0.11
	gp1	2	0.00	22.10	77.90			
	gp2	2	0.00	37.20	62.80			
	gp3	2	0.00	0.23	99.77			
	ind1	4	3.72	0.56	2.14	8.00	85.57	
	ind2	4	8.79	0.56	1.80	10.37	78.47	
	ind3	4	1.24	1.24	8.12	20.86	68.55	
	se1	2	0.45	0.79	98.76			
	se2	2	0.68	1.01	98.31			
	se3	2	1.01	1.01	97.97			
	sk1	4	3.72	0.11	1.58	7.10	87.49	
	sk2	4	8.79	0.56	1.24	8.46	80.95	
	sk3	4	1.24	23.90	19.39	49.83	5.64	
HS	comp1	5	0.00	0.00	4.47	95.02	0.26	0.26
	comp2	5	0.00	0.00	5.62	94.13	0.00	0.26
	comp3	5	0.00	0.00	7.17	92.45	0.13	0.26

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	gp1	2	0.00	26.69	73.31			
	gp2	2	0.00	39.97	60.03			
	gp3	2	0.00	0.38	99.62			
	ind1	4	5.87	0.00	2.94	9.32	81.86	
	ind2	4	12.13	0.26	2.43	11.24	73.95	
	ind3	4	1.66	1.54	7.17	25.99	63.64	
	se1	2	0.26	0.51	99.23			
	se2	2	0.51	0.64	98.85			
	se3	2	2.05	0.90	97.06			
	sk1	4	5.87	0.13	1.79	6.90	85.31	
	sk2	4	12.13	0.51	1.53	8.05	77.78	
	sk3	4	1.66	25.48	18.05	45.58	9.22	

Table H-4. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Mathematics—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3	comp1	5	0.00	0.00	5.20	94.04	0.43	0.33
	comp3	5						
	comp5	5	0.00	0.00	4.66	94.58	0.65	0.11
	gp1	2	0.00	22.54	77.46			
	gp3	2						
	gp5	2	0.00	20.04	79.96			
	ind1	4	0.00	1.19	2.28	13.00	83.53	
	ind3	4						
	ind5	4	0.00	0.43	3.36	12.57	83.64	
	se1	2	0.11	0.98	98.92			
	se3	2						
	se5	2	0.43	0.98	98.59			
	sk1	4	0.00	0.00	0.76	7.37	91.87	
	sk3	4						
	sk5	4	0.00	0.00	0.76	10.08	89.17	
4	comp1	5	0.00	0.00	5.71	93.62	0.57	0.10
	comp2	5						
	comp3	5	0.00	0.00	6.29	93.14	0.57	0.00
	gp1	2	0.00	22.76	77.24			
	gp2	2						
	gp3	2	0.00	17.62	82.38			
	ind1	4	0.00	1.24	2.67	14.95	81.14	
	ind2	4						
	ind3	4	0.00	0.76	3.71	12.67	82.86	
	se1	2	0.67	0.57	98.76			
	se2	2						
	se3	2	0.57	0.95	98.48			
	sk1	4	0.00	0.48	1.33	7.90	90.29	
	sk2	4						
	sk3	4	0.00	0.38	0.86	8.00	90.76	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	comp2	5	0.00	0.00	3.79	96.00	0.10	0.10
	comp3	5	0.00	0.00	4.61	95.29	0.00	0.10
	gp2	2	0.00	24.18	75.82			
	gp3	2	0.00	22.85	77.15			
	ind2	4	0.00	0.61	2.46	9.53	87.40	
	ind3	4	0.00	0.20	2.25	10.55	86.99	
	se2	2	0.61	0.82	98.57			
	se3	2	0.41	0.41	99.18			
	sk2	4	0.00	0.00	0.72	8.71	90.57	
	sk3	4	0.00	0.00	0.82	8.81	90.37	
6	comp1	5	0.00	0.00	6.14	93.86	0.00	0.00
	comp2	5	0.00	0.00	6.04	93.96	0.00	0.00
	gp1	2	0.00	26.38	73.62			
	gp2	2	0.00	27.39	72.61			
	ind1	4	0.00	0.81	1.91	11.08	86.20	
	ind2	4	0.00	0.60	2.52	11.18	85.70	
	se1	2	0.81	0.40	98.79			
	se2	2	0.81	0.81	98.39			
	sk1	4	0.00	0.10	0.91	7.05	91.94	
	sk2	4	0.00	0.20	0.81	7.15	91.84	
7	comp1	5	0.00	0.00	5.66	94.34	0.00	0.00
	comp4	5	0.00	0.00	3.11	96.89	0.00	0.00
	gp1	2	0.00	24.20	75.80			
	gp4	2	0.00	25.42	74.58			
	ind1	4	0.00	0.44	2.66	9.88	87.01	
	ind4	4	0.00	0.44	2.11	9.21	88.24	
	se1	2	0.22	0.22	99.56			
	se4	2	0.33	0.67	99.00			
	sk1	4	0.00	0.00	0.78	6.77	92.45	
	sk4	4	0.00	0.00	0.67	5.55	93.78	
8	comp2	5	0.00	0.00	7.36	92.52	0.12	0.00
	comp3	5						
	comp4	5	0.00	0.00	3.80	96.07	0.12	0.00
	gp2	2	0.00	31.17	68.83			
	gp3	2						
	gp4	2	0.00	24.79	75.21			
	ind2	4	0.00	0.37	2.58	10.80	86.26	
	ind3	4						
	ind4	4	0.00	0.74	2.09	8.47	88.71	
	se2	2	0.49	0.61	98.90			
	se3	2						
	se4	2	0.49	0.61	98.90			
	sk2	4	0.00	0.12	1.10	6.99	91.78	
sk3	4							
sk4	4	0.00	0.49	0.74	7.85	90.92		
HS	comp1	5	0.00	0.00	9.79	88.66	0.52	1.03
	comp2	5	0.00	0.00	5.12	94.38	0.17	0.33
	comp3	5	0.00	0.00	4.56	94.81	0.21	0.41

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	comp4	5	0.00	0.00	8.95	89.82	0.88	0.35
	comp5	5	0.00	0.00	6.44	93.07	0.00	0.50
	gp1	2	0.00	31.44	68.56			
	gp2	2	0.00	23.47	76.53			
	gp3	2	0.00	27.59	72.41			
	gp4	2	0.00	25.96	74.04			
	gp5	2	0.00	25.74	74.26			
	ind1	4	7.73	0.52	3.61	11.34	76.80	
	ind2	4	4.13	0.33	3.31	9.92	82.31	
	ind3	4	5.19	0.21	1.66	8.92	84.02	
	ind4	4	5.79	0.70	2.81	11.23	79.47	
	ind5	4	11.88	0.74	3.22	10.40	73.76	
	se1	2	0.00	0.52	99.48			
	se2	2	0.66	0.50	98.84			
	se3	2	0.83	0.62	98.55			
	se4	2	0.53	0.35	99.12			
	se5	2	1.49	0.50	98.02			
	sk1	4	7.73	1.55	2.58	5.15	82.99	
	sk2	4	4.13	0.50	2.31	8.10	84.96	
	sk3	4	5.19	0.21	0.41	7.05	87.14	
	sk4	4	5.79	0.53	1.75	8.95	82.98	
	sk5	4	11.88	0.50	0.99	5.20	81.44	

Table H-5. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Science—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	comp1	5	0.00	0.00	3.17	96.61	0.23	0.00
	comp2	5	0.00	0.00	3.31	96.46	0.22	0.00
	comp3	5	0.00	0.00	2.76	96.95	0.29	0.00
	comp4	5	0.00	0.00	2.86	97.14	0.00	0.00
	gp1	2	0.00	18.33	81.67			
	gp2	2	0.00	16.13	83.87			
	gp3	2	0.00	14.51	85.49			
	gp4	2	0.00	15.27	84.73			
	ind1	4	2.38	0.23	1.70	9.62	86.09	
	ind2	4	3.31	0.22	1.44	9.28	85.75	
	ind3	4	2.76	0.44	1.31	7.69	87.81	
	ind4	4	4.06	0.00	1.19	8.35	86.40	
	se1	2	0.57	0.90	98.53			
	se2	2	0.33	0.77	98.90			
	se3	2	0.87	0.73	98.40			
	se4	2	0.72	0.48	98.81			
	sk1	4	2.38	0.11	0.68	7.24	89.59	
	sk2	4	3.31	0.00	0.55	5.97	90.17	
	sk3	4	2.76	0.00	1.31	8.27	87.66	
	sk4	4	4.06	0.00	0.00	6.92	89.02	
8	comp1	5	0.00	0.00	4.30	95.56	0.13	0.00
	comp2	5	0.00	0.00	4.34	95.53	0.13	0.00
	comp3	5	0.00	0.00	4.07	95.74	0.19	0.00
	comp4	5	0.00	0.00	4.16	95.84	0.00	0.00
	gp1	2	0.00	16.67	83.33			
	gp2	2	0.00	15.64	84.36			
	gp3	2	0.00	14.26	85.74			
	gp4	2	0.00	17.26	82.74			
	ind1	4	3.23	0.13	2.28	8.87	85.48	
	ind2	4	4.99	0.26	2.10	8.28	84.36	
	ind3	4	2.78	0.37	2.41	5.93	88.52	
	ind4	4	3.53	0.42	0.62	6.86	88.57	
	se1	2	0.81	0.27	98.92			
	se2	2	0.53	0.79	98.69			
	se3	2	0.56	0.56	98.89			
	se4	2	0.83	1.04	98.13			
	sk1	4	3.23	0.00	1.34	8.47	86.96	
	sk2	4	4.99	0.00	0.66	6.57	87.78	
	sk3	4	2.78	0.00	1.48	9.44	86.30	
	sk4	4	3.53	0.00	1.04	7.69	87.73	

Table H-6. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Biology—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	comp1	5	0.00	0.00	5.10	93.91	0.99	0.00
	comp2	5	0.00	0.00	5.26	93.91	0.82	0.00
	comp3	5	0.00	0.00	4.46	94.72	0.83	0.00
	comp4	5						
	gp1	2	0.00	13.49	86.51			
	gp2	2	0.00	15.30	84.70			
	gp3	2	0.00	14.85	85.15			
	gp4	2						
	ind1	4	4.28	1.48	3.29	11.68	79.28	
	ind2	4	5.10	0.99	3.13	10.03	80.76	
	ind3	4	5.45	0.99	3.14	11.22	79.21	
	ind4	4						
	se1	2	0.49	0.82	98.68			
	se2	2	0.49	0.33	99.18			
	se3	2	0.66	0.50	98.84			
	se4	2						
	sk1	4	4.28	0.99	1.15	6.41	87.17	
	sk2	4	5.10	1.15	0.49	7.57	85.69	
	sk3	4	5.45	0.66	0.83	7.43	85.64	
	sk4	4						

Table H-7. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Chemistry—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	comp1	5	0.00	0.00	2.38	97.62	0.00	0.00
	comp2	5	0.00	0.00	2.38	97.62	0.00	0.00
	comp3	5	0.00	0.00	4.76	95.24	0.00	0.00
	gp1	2	0.00	9.52	90.48			
	gp2	2	0.00	9.52	90.48			
	gp3	2	0.00	9.52	90.48			
	ind1	4	7.14	0.00	2.38	19.05	71.43	
	ind2	4	9.52	0.00	2.38	9.52	78.57	
	ind3	4	2.38	0.00	7.14	14.29	76.19	
	se1	2	0.00	0.00	100.00			
	se2	2	0.00	0.00	100.00			
	se3	2	0.00	0.00	100.00			
	sk1	4	7.14	0.00	2.38	7.14	83.33	
	sk2	4	9.52	0.00	2.38	2.38	85.71	
	sk3	4	2.38	0.00	2.38	7.14	88.10	

Table H-8. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Physics—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	comp1	5	0.0	0.0	13.	77.	5.0	3.3
	comp2	5	0.0	0.0	13.	77.	5.0	3.3
	comp3	5	0.0	0.0	11.	79.	5.0	3.3
	comp4	5						
	gp1	2	0.0	25.	74.			
	gp2	2	0.0	20.	79.			
	gp3	2	0.0	18.	81.			
	gp4	2						
	ind1	4	6.7	1.6	5.0	16.	69.	
	ind2	4	3.3	1.6	11.	11.	71.	
	ind3	4	1.6	1.6	5.0	11.	79.	
	ind4	4						
	se1	2	1.6	3.3	94.			
	se2	2	0.0	5.0	94.			
	se3	2	0.0	5.0	94.			
	se4	2						
	sk1	4	6.7	0.0	3.3	16.	72.	
	sk2	4	3.3	0.0	1.6	16.	77.	
	sk3	4	1.6	0.0	1.6	22.	74.	
	sk4	4						

Table H-9. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Item-Level Score Distributions for Tech/Engineering—Alt Items

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
HS	comp1	5	0.00	0.00	11.11	88.89	0.00	0.00
	comp2	5	0.00	0.00	4.76	95.24	0.00	0.00
	comp3	5	0.00	0.00	11.11	88.89	0.00	0.00
	gp1	2	0.00	23.81	76.19			
	gp2	2	0.00	31.75	68.25			
	gp3	2	0.00	30.16	69.84			
	ind1	4	1.59	1.59	1.59	14.29	80.95	
	ind2	4	11.11	0.00	1.59	19.05	68.25	
	ind3	4	4.76	1.59	4.76	12.70	76.19	
	se1	2	0.00	1.59	98.41			
	se2	2	0.00	3.17	96.83			
	se3	2	0.00	1.59	98.41			
	sk1	4	1.59	0.00	4.76	15.87	77.78	
	sk2	4	11.11	0.00	1.59	11.11	76.19	
	sk3	4	4.76	1.59	3.17	15.87	74.60	