

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

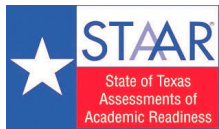
All Students

STATEWIDE

Report Date: SPRING 2019
Date of Testing: SPRING 2019

Administration Summary			Number of Students Tested	Average Scale Score	Did Not Meet	Approaches	Meets	Masters	Results for Each Reporting Category*													
									1		2		3		4		5					
Number	Percent									Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems				
Students Tested			409371	98																		
Students Not Tested																						
Absent			5570	1																		
Other			720	0																		
Total Documents Submitted			415661	100																		
Legend			---																			
--- = No Data Reported For Fewer Than Five Students																						
			#		%		#		%		#		%		#		%		#		%	
All Students			409371	4199	49963	12	359408	88	259777	63	105944	26	6.2	62	5.9	59	7.0	70	6.5	65	6.9	69
Male			209862	4179	30547	15	179315	85	128639	61	53942	26	6.1	61	5.8	58	6.9	69	6.4	64	6.8	68
Female			199497	4220	19415	10	180082	90	131132	66	52002	26	6.3	63	6.1	61	7.0	70	6.6	66	7.0	70
No Information Provided			12	3994	1	8	11	92	6	50	0	0	5.1	51	4.8	48	6.9	69	5.8	58	6.8	68
Hispanic/Latino			215408	4083	32935	15	182473	85	121297	56	39138	18	5.8	58	5.5	55	6.6	66	6.1	61	6.5	65
American Indian or Alaska Native			1346	4198	155	12	1191	88	859	64	328	24	6.2	62	5.9	59	7.0	70	6.5	65	6.9	69
Asian			18464	4725	707	4	17757	96	16185	88	11564	63	8.0	80	7.8	78	8.2	82	8.1	81	8.4	84
Black or African American			52411	4021	9226	18	43185	82	26694	51	7788	15	5.6	56	5.3	53	6.3	63	5.9	59	6.3	63
Native Hawaiian or Other Pacific Islander			700	4130	113	16	587	84	417	60	161	23	6.0	60	5.6	56	6.6	66	6.3	63	6.6	66
White			111733	4407	6117	5	105616	95	87507	78	43645	39	6.9	69	6.7	67	7.7	77	7.3	73	7.7	77
Two or More Races			8909	4378	602	7	8307	93	6669	75	3271	37	6.8	68	6.6	66	7.6	76	7.1	71	7.6	76
No Information Provided			400	3904	108	27	292	73	149	37	49	12	5.0	50	4.5	45	6.0	60	5.5	55	5.8	58
Economically Disadvantaged			Yes 235022	4038	39555	17	195467	83	123661	53	36437	16	5.6	56	5.3	53	6.4	64	5.9	59	6.3	63
			No 174009	4418	10279	6	163730	94	136022	78	69484	40	7.0	70	6.7	67	7.7	77	7.3	73	7.7	77
			No Information Provided 340	3748	129	38	211	62	94	28	23	7	4.4	44	4.0	40	5.3	53	4.8	48	5.0	50
Title I, Part A			Participants 183734	4078	28824	16	154910	84	101996	56	33180	18	5.8	58	5.5	55	6.6	66	6.0	60	6.5	65
			Nonparticipants 225268	4298	21010	9	204258	91	157673	70	72740	32	6.5	65	6.3	63	7.3	73	6.8	68	7.3	73
			No Information Provided 369	3774	129	35	240	65	108	29	24	7	4.5	45	4.1	41	5.4	54	5.0	50	5.2	52
Migrant			Yes 1726	3879	444	26	1282	74	673	39	147	9	5.0	50	4.7	47	5.8	58	5.3	53	5.7	57
			No 407117	4201	49304	12	357813	88	258963	64	105767	26	6.2	62	5.9	59	7.0	70	6.5	65	6.9	69
			No Information Provided 528	3728	215	41	313	59	141	27	30	6	4.4	44	3.9	39	5.2	52	4.8	48	4.9	49
Limited English Proficient			Current LEP 58506	3762	19334	33	39172	67	16008	27	2640	5	4.6	46	4.3	43	5.2	52	4.8	48	4.9	49
			Non-LEP (Monitored 1st Year) 5016	4097	493	10	4523	90	2931	58	760	15	6.0	60	5.6	56	6.7	67	6.1	61	6.7	67
			Non-LEP (Monitored 2nd Year) 7611	4201	350	5	7261	95	5281	69	1486	20	6.3	63	5.9	59	7.2	72	6.5	65	7.2	72
			Non-LEP (Monitored 3rd Year) 7689	4284	219	3	7470	97	5891	77	1900	25	6.6	66	6.2	62	7.5	75	6.9	69	7.6	76
			Non-LEP (Monitored 4th Year) 8691	4296	267	3	8424	97	6682	77	2273	26	6.7	67	6.3	63	7.5	75	6.8	68	7.6	76
			Other Non-LEP 321362	4276	29143	9	292219	91	222823	69	96843	30	6.5	65	6.2	62	7.2	72	6.8	68	7.2	72
			No Information Provided 496	3831	157	32	339	68	161	32	42	8	4.7	47	4.3	43	5.7	57	5.2	52	5.3	53
Bilingual			Participants 855	4267	76	9	779	91	620	73	223	26	6.5	65	6.3	63	7.2	72	6.7	67	7.3	73
			Nonparticipants 408029	4199	49715	12	358314	88	259016	63	105690	26	6.2	62	5.9	59	7.0	70	6.5	65	6.9	69
			No Information Provided 487	3774	172	35	315	65	141	29	31	6	4.5	45	4.1	41	5.4	54	5.0	50	5.1	51
ESL			Participants 56035	3757	18739	33	37296	67	15068	27	2467	4	4.6	46	4.3	43	5.2	52	4.8	48	4.9	49
			Nonparticipants 352855	4270	31057	9	321798	91	244568	69	103446	29	6.5	65	6.2	62	7.2	72	6.8	68	7.2	72
			No Information Provided 481	3779	167	35	314	65	141	29	31	6	4.5	45	4.1	41	5.5	55	5.0	50	5.1	51
Special Education			Yes 35953	3673	15367	43	20586	57	6860	19	1403	4	4.1	41	3.9	39	4.8	48	4.5	45	4.5	45
			No 373097	4250	34482	9	338615	91	252832	68	104525	28	6.4	64	6.1	61	7.2	72	6.7	67	7.1	71
			No Information Provided 321	3751	114	36	207	64	85	26	16	5	4.4	44	4.0	40	5.4	54	4.9	49	5.0	50
Gifted/Talented			Participants 38962	4851	130	0	38832	100	37688	97	27937	72	8.3	83	8.2	82	8.8	88	8.5	85	8.9	89
			Nonparticipants 370014	4131	49692	13	320322	87	221979	60	77986	21	6.0	60	5.7	57	6.8	68	6.3	63	6.7	67
			No Information Provided 395	3754	141	36	254	64	110	28	21	5	4.4	44	4.0	40	5.4	54	4.9	49	5.1	51
At-Risk			Yes 212023	3894	45805	22	166218	78	85927	41	14937	7	5.1	51	4.8	48	5.9	59	5.4	54	5.7	57
			No 197045	4528	4053	2	192992	98	173764	88	90988	46	7.4	74	7.2	72	8.1	81	7.6	76	8.2	82
			No Information Provided 303	3770	105	35	198	65	86	28	19	6	4.5	45	4.1	41	5.5	55	4.9	49	5.2	52
Career/Technical Education			Participants 283666	4180	34356	12	249310	88	178247	63	68440	24	6.1	61	5.9	59	6.9	69	6.4	64	6.9	69
			Nonparticipants 125307	4243	15447	12	109860	88	81422	65	37482	30	6.4	64	6.1	61	7.0	70	6.6	66	7.0	70
			No Information Provided 398	3733	160	40	238	60	108	27	22	6	4.3	43	3.9	39	5.3	53	4.9	49	4.9	49

* Results for students who took the test with the Braille, American Sign Language videos accommodation, or the paper STAAR with embedded supports are not included in the reporting category results.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

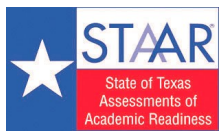
First-Time Tested Students

STATEWIDE

Report Date: SPRING 2019
Date of Testing: SPRING 2019

Administration Summary			Number of Students Tested	Average Scale Score	Did Not Meet	Approaches	Meets	Masters	Results for Each Reporting Category*														
									1		2		3		4		5						
Number	Percent									Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems					
Students Tested			387428	99																			
Students Not Tested																							
Absent			3781	1																			
Other			180	0																			
Total Documents Submitted			391389	100																			
Legend			---																				
--- = No Data Reported For Fewer Than Five Students																							
			Number of Items Tested		Avg. # of Items / % Correct																		
			10		10		10		10		10		10		10		10		10				
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%			
All Students			387428	4241	35893	9	351535	91	259152	67	105910	27	6.4	64	6.1	61	7.1	71	6.6	66	7.1	71	
Male			196711	4228	21800	11	174911	89	128284	65	53921	27	6.3	63	5.9	59	7.1	71	6.6	66	7.1	71	
Female			190705	4254	14092	7	176613	93	130862	69	51989	27	6.5	65	6.2	62	7.2	72	6.7	67	7.2	72	
No Information Provided			12	3994	1	8	11	92	6	50	0	0	5.1	51	4.8	48	6.9	69	5.8	58	6.8	68	
Hispanic/Latino			200361	4129	23222	12	177139	88	120896	60	39116	20	6.0	60	5.7	57	6.8	68	6.3	63	6.7	67	
American Indian or Alaska Native			1283	4233	120	9	1163	91	856	67	327	25	6.4	64	6.0	60	7.1	71	6.7	67	7.1	71	
Asian			18091	4751	449	2	17642	98	16177	89	11562	64	8.1	81	7.9	79	8.3	83	8.2	82	8.5	85	
Black or African American			48173	4070	6497	13	41676	87	26556	55	7782	16	5.8	58	5.5	55	6.5	65	6.1	61	6.5	65	
Native Hawaiian or Other Pacific Islander			656	4175	83	13	573	87	415	63	160	24	6.1	61	5.8	58	6.8	68	6.5	65	6.8	68	
White			109781	4423	4936	4	104845	96	87442	80	43643	40	7.0	70	6.7	67	7.8	78	7.3	73	7.8	78	
Two or More Races			8717	4397	493	6	8224	94	6663	76	3271	38	6.9	69	6.6	66	7.6	76	7.2	72	7.7	77	
No Information Provided			366	3936	93	25	273	75	147	40	49	13	5.1	51	4.6	46	6.1	61	5.6	56	6.0	60	
Economically Disadvantaged																							
			Yes	217468	4084	28211	13	189257	87	123189	57	36408	17	5.8	58	5.5	55	6.6	66	6.1	61	6.6	66
			No	169656	4442	7573	4	162083	96	135870	80	69479	41	7.1	71	6.8	68	7.8	78	7.3	73	7.8	78
			No Information Provided	304	3783	109	36	195	64	93	31	23	8	4.6	46	4.1	41	5.5	55	4.9	49	5.2	52
Title I, Part A																							
			Participants	170415	4126	20247	12	150168	88	101621	60	33160	19	6.0	60	5.7	57	6.8	68	6.2	62	6.7	67
			Nonparticipants	216686	4331	15542	7	201144	93	157425	73	72726	34	6.7	67	6.4	64	7.4	74	7.0	70	7.4	74
			No Information Provided	327	3810	104	32	223	68	106	32	24	7	4.6	46	4.2	42	5.6	56	5.2	52	5.4	54
Migrant																							
			Yes	1498	3937	304	20	1194	80	666	44	146	10	5.2	52	4.9	49	6.1	61	5.5	55	6.0	60
			No	385456	4242	35408	9	350048	91	258348	67	105734	27	6.4	64	6.1	61	7.1	71	6.7	67	7.1	71
			No Information Provided	474	3757	181	38	293	62	138	29	30	6	4.5	45	4.0	40	5.4	54	4.9	49	5.1	51
Limited English Proficient																							
			Current LEP	49062	3822	12908	26	36154	74	15803	32	2626	5	4.9	49	4.6	46	5.5	55	5.1	51	5.2	52
			Non-LEP (Monitored 1st Year)	4801	4124	367	8	4434	92	2921	61	759	16	6.1	61	5.6	56	6.8	68	6.2	62	6.8	68
			Non-LEP (Monitored 2nd Year)	7379	4220	243	3	7136	97	5269	71	1485	20	6.4	64	6.0	60	7.3	73	6.6	66	7.3	73
			Non-LEP (Monitored 3rd Year)	7586	4294	170	2	7416	98	5884	78	1900	25	6.7	67	6.3	63	7.5	75	6.9	69	7.7	77
			Non-LEP (Monitored 4th Year)	8618	4303	231	3	8387	97	6678	77	2273	26	6.7	67	6.3	63	7.5	75	6.9	69	7.6	76
			Other Non-LEP	309544	4307	21853	7	287691	93	222438	72	96825	31	6.6	66	6.3	63	7.4	74	6.9	69	7.4	74
			No Information Provided	438	3878	121	28	317	72	159	36	42	10	4.9	49	4.4	44	5.9	59	5.4	54	5.6	56
Bilingual																							
			Participants	830	4293	57	7	773	93	620	75	223	27	6.6	66	6.4	64	7.3	73	6.8	68	7.4	74
			Nonparticipants	386169	4241	35703	9	350466	91	258393	67	105656	27	6.4	64	6.1	61	7.1	71	6.6	66	7.1	71
			No Information Provided	429	3816	133	31	296	69	139	32	31	7	4.6	46	4.3	43	5.6	56	5.2	52	5.3	53
ESL																							
			Participants	46800	3817	12462	27	34338	73	14868	32	2453	5	4.9	49	4.5	45	5.5	55	5.0	50	5.2	52
			Nonparticipants	340206	4299	23304	7	316902	93	244145	72	103426	30	6.6	66	6.3	63	7.4	74	6.9	69	7.4	74
			No Information Provided	422	3825	127	30	295	70	139	33	31	7	4.6	46	4.3	43	5.7	57	5.2	52	5.3	53
Special Education																							
			Yes	30870	3717	11549	37	19321	63	6817	22	1401	5	4.3	43	4.1	41	5.0	50	4.7	47	4.7	47
			No	356281	4286	24254	7	332027	93	252252	71	104493	29	6.5	65	6.3	63	7.3	73	6.8	68	7.3	73
			No Information Provided	277	3786	90	32	187	68	83	30	16	6	4.6	46	4.1	41	5.6	56	5.1	51	5.2	52
Gifted/Talented																							
			Participants	38921	4852	110	0	38811	100	37682	97	27935	72	8.3	83	8.2	82	8.8	88	8.5	85	9.0	90
			Nonparticipants	348164	4173	35673	10	312491	90	221362	64	77954	22	6.1	61	5.9	59	6.9	69	6.4	64	6.9	69
			No Information Provided	343	3793	110	32	233	68	108	31	21	6	4.5	45	4.2	42	5.6	56	5.1	51	5.3	53
At-Risk																							
			Yes	191139	3941	32359	17	158780	83	85348	45	14904	8	5.3	53	5.0	50	6.1	61	5.6	56	6.0	60
			No	196019	4533	3447	2	192572	98	173719	89	90987	46	7.4	74	7.2	72	8.1	81	7.7	77	8.2	82
			No Information Provided	270	3803	87	32	183	68	85	31	19	7	4.6	46	4.2	42	5.7	57	5.0	50	5.4	54
Career/Technical Education																							
			Participants	267904	4222	24193	9	243711	91	177821	66	68418	26	6.3	63	6.0	60	7.1	71	6.6	66	7.1	71
			Nonparticipants	119146	4283	11554	10	107592	90	81224	68	37470	31	6.5	65	6.3	63	7.2	72	6.8	68	7.2	72
			No Information Provided	378	3748	146	39	232	61	107	28	22	6	4.4	44	4.0	40	5.3	53	5.0	50	5.0	50

* Results for students who took the test with the Braille, American Sign Language videos accommodation, or the paper STAAR with embedded supports are not included in the reporting category results.



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Summary Report

BIOLOGY

Retested Students

STATEWIDE

Report Date: SPRING 2019
Date of Testing: SPRING 2019

Administration Summary			Number of Students Tested	Average Scale Score	Did Not Meet	Approaches	Meets	Masters	Results for Each Reporting Category*														
									1		2		3		4		5						
Number	Percent									Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems					
Students Tested			21943	90																			
Students Not Tested																							
Absent			1789	7																			
Other			540	2																			
Total Documents Submitted			24272	100																			
Legend			---																				
--- = No Data Reported For Fewer Than Five Students																							
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%			
All Students			21943	3468	14070	64	7873	36	625	3	34	0	3.2	32	3.3	33	3.9	39	3.7	37	3.4	34	
Male			13151	3454	8747	67	4404	33	355	3	21	0	3.1	31	3.2	32	3.8	38	3.6	36	3.4	34	
Female			8792	3489	5323	61	3469	39	270	3	13	0	3.3	33	3.4	34	4.0	40	3.7	37	3.4	34	
No Information Provided			0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hispanic/Latino			15047	3469	9713	65	5334	35	401	3	22	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34	
American Indian or Alaska Native			63	3492	35	56	28	44	3	5	1	2	3.1	31	3.4	34	3.9	39	3.8	38	3.6	36	
Asian			373	3451	258	69	115	31	8	2	2	1	3.2	32	3.3	33	3.6	36	3.5	35	3.3	33	
Black or African American			4238	3455	2729	64	1509	36	138	3	6	0	3.2	32	3.2	32	3.8	38	3.7	37	3.4	34	
Native Hawaiian or Other Pacific Islander			44	3453	30	68	14	32	2	5	1	2	3.1	31	3.2	32	3.8	38	3.7	37	3.2	32	
White			1952	3484	1181	61	771	39	65	3	2	0	3.1	31	3.2	32	4.1	41	3.8	38	3.5	35	
Two or More Races			192	3503	109	57	83	43	6	3	0	0	3.4	34	3.4	34	4.0	40	3.8	38	3.6	36	
No Information Provided			34	3564	15	44	19	56	2	6	0	0	3.8	38	3.2	32	4.5	45	4.0	40	3.9	39	
Economically Disadvantaged			Yes	17554	3466	11344	65	6210	35	472	3	29	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34
			No	4353	3477	2706	62	1647	38	152	3	5	0	3.2	32	3.3	33	3.9	39	3.8	38	3.5	35
			No Information Provided	36	3451	20	56	16	44	1	3	0	0	3.4	34	3.1	31	3.9	39	3.9	39	3.5	35
Title I, Part A			Participants	13319	3467	8577	64	4742	36	375	3	20	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34
			Nonparticipants	8582	3468	5468	64	3114	36	248	3	14	0	3.2	32	3.2	32	3.9	39	3.7	37	3.4	34
			No Information Provided	42	3497	25	60	17	40	2	5	0	0	3.6	36	3.1	31	4.0	40	3.8	38	3.5	35
Migrant			Yes	228	3496	140	61	88	39	7	3	1	0	3.5	35	3.1	31	3.8	38	3.9	39	3.6	36
			No	21661	3467	13896	64	7765	36	615	3	33	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34
			No Information Provided	54	3476	34	63	20	37	3	6	0	0	3.4	34	3.0	30	3.9	39	3.7	37	3.6	36
Limited English Proficient			Current LEP	9444	3453	6426	68	3018	32	205	2	14	0	3.3	33	3.3	33	3.7	37	3.5	35	3.3	33
			Non-LEP (Monitored 1st Year)	215	3504	126	59	89	41	10	5	1	0	3.5	35	3.5	35	4.2	42	3.6	36	3.4	34
			Non-LEP (Monitored 2nd Year)	232	3569	107	46	125	54	12	5	1	0	3.5	35	3.6	36	4.4	44	4.1	41	4.0	40
			Non-LEP (Monitored 3rd Year)	103	3562	49	48	54	52	7	7	0	0	3.7	37	3.4	34	4.6	46	4.1	41	3.7	37
			Non-LEP (Monitored 4th Year)	73	3524	36	49	37	51	4	5	0	0	3.5	35	3.1	31	4.4	44	3.8	38	3.9	39
			Other Non-LEP	11818	3476	7290	62	4528	38	385	3	18	0	3.2	32	3.2	32	4.0	40	3.8	38	3.5	35
			No Information Provided	58	3482	36	62	22	38	2	3	0	0	3.3	33	3.1	31	4.0	40	3.9	39	3.4	34
Bilingual			Participants	25	3405	19	76	6	24	0	0	0	2.8	28	3.5	35	3.4	34	3.4	34	2.8	28	
			Nonparticipants	21860	3468	14012	64	7848	36	623	3	34	0	3.2	32	3.3	33	3.9	39	3.7	37	3.4	34
			No Information Provided	58	3459	39	67	19	33	2	3	0	0	3.4	34	3.0	30	3.8	38	3.4	34	3.5	35
ESL			Participants	9235	3453	6277	68	2958	32	200	2	14	0	3.3	33	3.3	33	3.7	37	3.5	35	3.3	33
			Nonparticipants	12649	3478	7753	61	4896	39	423	3	20	0	3.2	32	3.2	32	4.0	40	3.8	38	3.5	35
			No Information Provided	59	3453	40	68	19	32	2	3	0	0	3.4	34	3.0	30	3.8	38	3.4	34	3.4	34
Special Education			Yes	5083	3405	3818	75	1265	25	43	1	2	0	2.9	29	3.0	30	3.5	35	3.4	34	3.1	31
			No	16816	3487	10228	61	6588	39	580	3	32	0	3.3	33	3.3	33	4.0	40	3.7	37	3.5	35
			No Information Provided	44	3530	24	55	20	45	2	5	0	0	3.6	36	3.3	33	4.1	41	4.0	40	3.7	37
Gifted/Talented			Participants	41	3619	20	49	21	51	6	15	2	5	3.5	35	3.9	39	4.7	47	4.4	44	4.1	41
			Nonparticipants	21850	3467	14019	64	7831	36	617	3	32	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34
			No Information Provided	52	3495	31	60	21	40	2	4	0	0	3.4	34	3.1	31	4.0	40	3.9	39	3.5	35
At-Risk			Yes	20884	3466	13446	64	7438	36	579	3	33	0	3.2	32	3.3	33	3.9	39	3.6	36	3.4	34
			No	1026	3501	606	59	420	41	45	4	1	0	3.2	32	3.3	33	4.1	41	4.0	40	3.6	36
			No Information Provided	33	3501	18	55	15	45	1	3	0	0	3.6	36	3.2	32	3.9	39	3.8	38	3.7	37
Career/Technical Education			Participants	15762	3468	10163	64	5599	36	426	3	22	0	3.2	32	3.2	32	3.9	39	3.7	37	3.4	34
			Nonparticipants	6161	3467	3893	63	2268	37	198	3	12	0	3.2	32	3.3	33	3.9	39	3.7	37	3.4	34
			No Information Provided	20	3456	14	70	6	30	1	5	0	0	3.0	30	2.9	29	4.0	40	3.8	38	3.5	35

* Results for students who took the test with the Braille, American Sign Language videos accommodation, or the paper STAAR with embedded supports are not included in the reporting category results.