



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

All Students

Report Date: FALL 2019

Date of Testing: FALL 2019

STATEWIDE

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	42110															89					
Students Not Tested																					
Absent	5008															11					
Other	436	1																			
Total Documents Submitted	47554	100																			
Legend												Number of Items Tested									
--- = No Data Reported For Fewer Than Five Students												10		10		10		10		10	
			Avg. # of Items / % Correct																		
			#	%	#	%	#	%	#	%	#	%	#	%	#	%					
All Students	42110	3603	22705	54	19405	46	6579	16	2472	6	4.1	41	4.2	42	4.3	43	4.1	41	4.0	40	
Male	24336	3568	13997	58	10339	42	3333	14	1263	5	4.0	40	4.0	40	4.1	41	4.0	40	3.9	39	
Female	17773	3651	8708	49	9065	51	3246	18	1209	7	4.3	43	4.4	44	4.5	45	4.2	42	4.2	42	
No Information Provided	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hispanic/Latino	28667	3597	15528	54	13139	46	4354	15	1500	5	4.1	41	4.2	42	4.3	43	4.0	40	4.0	40	
American Indian or Alaska Native	121	3572	66	55	55	45	12	10	7	6	3.8	38	4.1	41	4.1	41	3.9	39	4.1	41	
Asian	957	3970	387	40	570	60	377	39	255	27	5.5	55	5.6	56	5.6	56	5.4	54	5.2	52	
Black or African American	6585	3466	4175	63	2410	37	402	6	107	2	3.6	36	3.7	37	3.7	37	3.5	35	3.5	35	
Native Hawaiian or Other Pacific Islander	75	3531	41	55	34	45	8	11	1	1	3.9	39	4.1	41	3.8	38	3.7	37	3.7	37	
White	5093	3740	2240	44	2853	56	1286	25	558	11	4.5	45	4.6	46	4.9	49	4.7	47	4.8	48	
Two or More Races	565	3691	248	44	317	56	131	23	41	7	4.4	44	4.4	44	4.8	48	4.5	45	4.5	45	
No Information Provided	47	3667	20	43	27	57	9	19	3	6	4.6	46	4.3	43	4.8	48	5.2	52	4.4	44	
Economically Disadvantaged	Yes	31946	3556	18104	57	13842	43	3897	12	1146	4	3.9	39	4.0	40	4.1	41	3.9	39	3.8	38
	No	10116	3753	4583	45	5533	55	2673	26	1322	13	4.6	46	4.7	47	4.9	49	4.7	47	4.7	47
	No Information Provided	48	3733	18	38	30	63	9	19	4	4.8	48	4.5	45	5.0	50	5.1	51	4.2	42	
Title I, Part A	Participants	26056	3621	13619	52	12437	48	4531	17	1602	6	4.2	42	4.3	43	4.4	44	4.2	42	4.1	41
	Nonparticipants	16002	3574	9064	57	6938	43	2039	13	866	5	4.0	40	4.0	40	4.2	42	3.9	39	3.9	39
	No Information Provided	52	3682	22	42	30	58	9	17	4	4.5	45	4.5	45	4.7	47	4.7	47	4.0	40	
Migrant	Yes	403	3516	241	60	162	40	39	10	11	3	3.9	39	3.8	38	3.9	39	3.7	37	3.6	36
	No	41642	3604	22435	54	19207	46	6530	16	2457	6	4.1	41	4.2	42	4.3	43	4.1	41	4.1	41
	No Information Provided	65	3660	29	45	36	55	10	15	4	4.5	45	4.1	41	4.8	48	4.5	45	4.1	41	
Limited English Proficient	Current LEP	15350	3467	9928	65	5422	35	762	5	121	1	3.6	36	3.7	37	3.7	37	3.5	35	3.3	33
	Non-LEP (Monitored 1st Year)	621	3696	257	41	364	59	145	23	26	4	4.6	46	4.6	46	4.8	48	4.4	44	4.6	46
	Non-LEP (Monitored 2nd Year)	351	3855	105	30	246	70	135	38	41	12	5.2	52	5.1	51	5.5	55	5.3	53	5.3	53
	Non-LEP (Monitored 3rd Year)	507	3996	110	22	397	78	250	49	85	17	5.8	58	5.6	56	6.0	60	5.9	59	6.1	61
	Non-LEP (Monitored 4th Year)	667	4101	106	16	561	84	394	59	136	20	6.2	62	6.1	61	6.5	65	6.3	63	6.6	66
	Other Non-LEP	24553	3661	12171	50	12382	50	4884	20	2059	8	4.3	43	4.3	43	4.5	45	4.3	43	4.4	44
	No Information Provided	61	3647	28	46	33	54	9	15	4	7	4.5	45	4.0	40	4.6	46	4.5	45	4.0	40
Bilingual	Participants	183	4237	30	16	153	84	129	70	57	31	6.7	67	6.6	66	7.0	70	6.9	69	6.8	68
	Nonparticipants	41852	3601	22635	54	19217	46	6441	15	2411	6	4.1	41	4.2	42	4.3	43	4.1	41	4.0	40
	No Information Provided	75	3589	40	53	35	47	9	12	4	5	4.3	43	3.9	39	4.3	43	4.2	42	3.7	37
ESL	Participants	14611	3467	9449	65	5162	35	708	5	111	1	3.6	36	3.7	37	3.7	37	3.5	35	3.3	33
	Nonparticipants	27426	3676	13217	48	14209	52	5862	21	2357	9	4.4	44	4.4	44	4.6	46	4.4	44	4.5	45
	No Information Provided	73	3597	39	53	34	47	9	12	4	5	4.4	44	4.0	40	4.3	43	4.2	42	3.7	37
Special Education	Yes	8559	3412	6168	72	2391	28	249	3	42	0	3.4	34	3.4	34	3.4	34	3.3	33	3.2	32
	No	33500	3652	16517	49	16983	51	6321	19	2426	7	4.3	43	4.4	44	4.5	45	4.3	43	4.3	43
	No Information Provided	51	3700	20	39	31	61	9	18	4	8	4.6	46	4.3	43	4.9	49	4.9	49	4.1	41
Gifted/Talented	Participants	1389	4680	51	4	1338	96	1248	90	883	64	8.0	80	8.2	82	8.4	84	8.2	82	8.4	84
	Nonparticipants	40664	3566	22630	56	18034	44	5320	13	1584	4	4.0	40	4.0	40	4.1	41	3.9	39	3.9	39
	No Information Provided	57	3703	24	42	33	58	11	19	5	9	4.6	46	4.4	44	4.9	49	4.8	48	4.2	42
At-Risk	Yes	35321	3503	21110	60	14211	40	2780	8	493	1	3.7	37	3.8	38	3.9	39	3.7	37	3.6	36
	No	6741	4126	1576	23	5165	77	3790	56	1975	29	6.1	61	6.1	61	6.5	65	6.3	63	6.4	64
	No Information Provided	48	3724	19	40	29	60	9	19	4	8	4.9	49	4.4	44	4.9	49	5.0	50	4.2	42
Career/Technical Education	Participants	27049	3559	15440	57	11609	43	3295	12	1121	4	3.9	39	4.0	40	4.1	41	3.9	39	3.8	38
	Nonparticipants	15032	3682	7255	48	7777	52	3275	22	1348	9	4.4	44	4.5	45	4.6	46	4.4	44	4.4	44
	No Information Provided	29	3798	10	34	19	66	9	31	3	10	5.3	53	4.6	46	5.3	53	5.3	53	4.8	48

* 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.

012720-00000069



Summary Report

BIOLOGY

First-Time Tested Students

Report Date: FALL 2019
Date of Testing: FALL 2019

STATEWIDE

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								
													Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems								
Number		Percent											Number of Items Tested																
10		10											10		10		10												
Legend		Avg. # of Items / % Correct																											
--- = No Data Reported For Fewer Than Five Students													#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
All Students			11691	4063	2202	19	9489	81	6098	52	2467	21	6.0	60	6.0	60	6.3	63	6.1	61	6.2	62							
Male			5907	4041	1293	22	4614	78	2986	51	1261	21	5.8	58	5.8	58	6.2	62	6.0	60	6.1	61							
Female			5783	4086	909	16	4874	84	3112	54	1206	21	6.1	61	6.2	62	6.4	64	6.1	61	6.3	63							
No Information Provided			1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---							
Hispanic/Latino			8076	4030	1573	19	6503	81	4045	50	1497	19	5.9	59	5.9	59	6.2	62	5.9	59	6.0	60							
American Indian or Alaska Native			23	4133	4	17	19	83	11	48	7	30	6.2	62	5.9	59	6.3	63	6.7	67	6.5	65							
Asian			469	4558	33	7	436	93	374	80	255	54	7.6	76	7.8	78	7.9	79	7.7	77	7.7	77							
Black or African American			1045	3795	342	33	703	67	343	33	107	10	4.9	49	5.1	51	5.3	53	5.0	50	5.2	52							
Native Hawaiian or Other Pacific Islander			18	3874	3	17	15	83	8	44	1	6	4.9	49	5.3	53	5.7	57	5.6	56	5.8	58							
White			1822	4234	214	12	1608	88	1183	65	556	31	6.4	64	6.5	65	7.1	71	6.8	68	7.1	71							
Two or More Races			212	4116	28	13	184	87	125	59	41	19	6.0	60	6.1	61	6.8	68	6.3	63	6.5	65							
No Information Provided			26	3930	5	19	21	81	9	35	3	12	5.5	55	5.3	53	5.8	58	6.3	63	5.2	52							
Economically Disadvantaged			Yes	7924	3959	1779	22	6145	78	3551	45	1144	14	5.6	56	5.6	56	5.9	59	5.7	57	5.8	58						
			No	3734	4287	415	11	3319	89	2538	68	1319	35	6.7	67	6.8	68	7.2	72	6.9	69	7.1	71						
			No Information Provided	33	3874	8	24	25	76	9	27	4	12	5.2	52	5.2	52	5.7	57	5.9	59	4.7	47						
Title I, Part A			Participants	8158	4053	1514	19	6644	81	4257	52	1601	20	6.0	60	6.0	60	6.3	63	6.0	60	6.2	62						
			Nonparticipants	3498	4090	677	19	2821	81	1832	52	862	25	5.9	59	6.0	60	6.4	64	6.2	62	6.3	63						
			No Information Provided	35	3814	11	31	24	69	9	26	4	11	4.9	49	5.0	50	5.5	55	5.5	55	4.5	45						
Migrant			Yes	117	3774	45	38	72	62	34	29	11	9	4.8	48	4.8	48	5.2	52	4.9	49	5.0	50						
			No	11534	4067	2146	19	9388	81	6054	52	2452	21	6.0	60	6.0	60	6.3	63	6.1	61	6.2	62						
			No Information Provided	40	3827	11	28	29	73	10	25	4	10	5.1	51	4.9	49	5.6	56	5.5	55	4.8	48						
Limited English Proficient			Current LEP	2783	3727	981	35	1802	65	655	24	121	4	4.8	48	4.9	49	4.9	49	4.7	47	4.5	45						
			Non-LEP (Monitored 1st Year)	313	3925	59	19	254	81	140	45	26	8	5.6	56	5.5	55	5.8	58	5.6	56	5.8	58						
			Non-LEP (Monitored 2nd Year)	177	4199	8	5	169	95	125	71	41	23	6.5	65	6.6	66	6.9	69	6.8	68	7.0	70						
			Non-LEP (Monitored 3rd Year)	324	4281	14	4	310	96	246	76	85	26	7.0	70	6.8	68	7.3	73	7.1	71	7.4	74						
			Non-LEP (Monitored 4th Year)	512	4283	23	4	489	96	392	77	136	27	7.0	70	6.8	68	7.3	73	7.1	71	7.4	74						
			Other Non-LEP	7542	4167	1104	15	6438	85	4531	60	2054	27	6.3	63	6.3	63	6.8	68	6.5	65	6.7	67						
			No Information Provided	40	3782	13	33	27	68	9	23	4	10	4.9	49	4.8	48	5.4	54	5.3	53	4.4	44						
Bilingual			Participants	143	4452	3	2	140	98	128	90	57	40	7.6	76	7.4	74	8.0	80	7.9	79	7.8	78						
			Nonparticipants	11506	4060	2183	19	9323	81	5961	52	2406	21	5.9	59	6.0	60	6.3	63	6.1	61	6.2	62						
			No Information Provided	42	3747	16	38	26	62	9	21	4	10	4.7	47	4.6	46	5.1	51	5.1	51	4.3	43						
ESL			Participants	2682	3720	958	36	1724	64	606	23	111	4	4.8	48	4.8	48	4.9	49	4.6	46	4.5	45						
			Nonparticipants	8966	4168	1227	14	7739	86	5483	61	2352	26	6.3	63	6.3	63	6.8	68	6.5	65	6.7	67						
			No Information Provided	43	3744	17	40	26	60	9	21	4	9	4.7	47	4.7	47	5.1	51	5.1	51	4.2	42						
Special Education			Yes	1135	3627	543	48	592	52	213	19	42	4	4.3	43	4.2	42	4.5	45	4.3	43	4.3	43						
			No	10522	4111	1651	16	8871	84	5876	56	2421	23	6.1	61	6.2	62	6.5	65	6.3	63	6.4	64						
			No Information Provided	34	3851	8	24	26	76	9	26	4	12	5.2	52	5.1	51	5.6	56	5.7	57	4.6	46						
Gifted/Talented			Participants	1299	4756	8	1	1291	99	1240	95	883	68	8.3	83	8.4	84	8.7	87	8.5	85	8.7	87						
			Nonparticipants	10353	3977	2183	21	8170	79	4847	47	1579	15	5.7	57	5.7	57	6.0	60	5.8	58	5.9	59						
			No Information Provided	39	3846	11	28	28	72	11	28	5	13	5.1	51	5.1	51	5.6	56	5.6	56	4.7	47						
At-Risk			Yes	7091	3816	1975	28	5116	72	2354	33	489	7	5.1	51	5.1	51	5.4	54	5.1	51	5.2	52						
			No	4567	4448	218	5	4349	95	3735	82	1974	43	7.4	74	7.4	74	7.8	78	7.6	76	7.8	78						
			No Information Provided	33	3861	9	27	24	73	9	27	4	12	5.3	53	5.2	52	5.6	56	5.8	58	4.6	46						
Career/Technical Education			Participants	5946	4026	1189	20	4757	80	2967	50	1118	19	5.9	59	5.8	58	6.2	62	5.9	59	6.1	61						
			Nonparticipants	5722	4103	1008	18	4714	82	3122	55	1346	24	6.1	61	6.2	62	6.5	65	6.2	62	6.3	63						
			No Information Provided	23	3923	5	22	18	78	9	39	3	13	5.8	58	5.3	53	5.8	58	6.2	62	5.1	51						

* 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.

012720-00000069



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

Retested Students

STATEWIDE

Report Date: FALL 2019
Date of Testing: FALL 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	30419															88						
Students Not Tested																						
Absent	3935															11						
Other	399	1																				
Total Documents Submitted	34753	100																				
Legend												Number of Items Tested										
--- = No Data Reported For Fewer Than Five Students												10		10		10		10		10		
			Avg. # of Items / % Correct																			
			#	%	#	%	#	%	#	%	#	%	#	%	#	%						
All Students			30419	3426	20503	67	9916	33	481	2	5	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
Male			18429	3417	12704	69	5725	31	347	2	2	0	3.3	33	3.4	34	3.5	35	3.3	33	3.2	32
Female			11990	3441	7799	65	4191	35	134	1	3	0	3.5	35	3.6	36	3.6	36	3.3	33	3.2	32
No Information Provided			0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hispanic/Latino			20591	3427	13955	68	6636	32	309	2	3	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
American Indian or Alaska Native			98	3441	62	63	36	37	1	1	0	0	3.2	32	3.7	37	3.6	36	3.2	32	3.5	35
Asian			488	3404	354	73	134	27	3	1	0	0	3.4	34	3.5	35	3.4	34	3.1	31	2.9	29
Black or African American			5540	3404	3833	69	1707	31	59	1	0	0	3.3	33	3.4	34	3.4	34	3.2	32	3.1	31
Native Hawaiian or Other Pacific Islander			57	3422	38	67	19	33	0	0	0	0	3.5	35	3.8	38	3.2	32	3.2	32	3.1	31
White			3271	3465	2026	62	1245	38	103	3	2	0	3.5	35	3.5	35	3.7	37	3.5	35	3.5	35
Two or More Races			353	3436	220	62	133	38	6	2	0	0	3.4	34	3.4	34	3.6	36	3.4	34	3.3	33
No Information Provided			21	3341	15	71	6	29	0	0	0	0	2.9	29	2.7	27	3.0	30	3.4	34	3.0	30
Economically Disadvantaged	Yes		24022	3423	16325	68	7697	32	346	1	2	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No		6382	3440	4168	65	2214	35	135	2	3	0	3.4	34	3.5	35	3.6	36	3.4	34	3.3	33
	No Information Provided		15	3425	10	67	5	33	0	0	0	0	3.8	38	2.9	29	3.5	35	3.4	34	3.0	30
Title I, Part A	Participants		17898	3424	12105	68	5793	32	274	2	1	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	Nonparticipants		12504	3430	8387	67	4117	33	207	2	4	0	3.4	34	3.4	34	3.5	35	3.3	33	3.3	33
	No Information Provided		17	3410	11	65	6	35	0	0	0	0	3.5	35	3.4	34	3.2	32	3.1	31	3.2	32
Migrant	Yes		286	3410	196	69	90	31	5	2	0	0	3.5	35	3.5	35	3.3	33	3.3	33	3.1	31
	No		30108	3427	20289	67	9819	33	476	2	5	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No Information Provided		25	3392	18	72	7	28	0	0	0	0	3.6	36	2.8	28	3.4	34	3.0	30	3.1	31
Limited English Proficient	Current LEP		12567	3410	8947	71	3620	29	107	1	0	0	3.4	34	3.5	35	3.4	34	3.2	32	3.0	30
	Non-LEP (Monitored 1st Year)		308	3464	198	64	110	36	5	2	0	0	3.6	36	3.7	37	3.8	38	3.2	32	3.4	34
	Non-LEP (Monitored 2nd Year)		174	3505	97	56	77	44	10	6	0	0	3.9	39	3.5	35	4.0	40	3.7	37	3.6	36
	Non-LEP (Monitored 3rd Year)		183	3491	96	52	87	48	4	2	0	0	3.8	38	3.5	35	3.8	38	3.7	37	3.9	39
	Non-LEP (Monitored 4th Year)		155	3502	83	54	72	46	2	1	0	0	3.5	35	3.7	37	3.9	39	3.7	37	3.8	38
	Other Non-LEP		17011	3436	11067	65	5944	35	353	2	5	0	3.4	34	3.4	34	3.5	35	3.4	34	3.4	34
	No Information Provided		21	3390	15	71	6	29	0	0	0	0	3.8	38	2.7	27	3.1	31	2.9	29	3.4	34
Bilingual	Participants		40	3471	27	68	13	33	1	3	0	0	3.6	36	4.1	41	3.4	34	3.5	35	3.3	33
	Nonparticipants		30346	3426	20452	67	9894	33	480	2	5	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No Information Provided		33	3387	24	73	9	27	0	0	0	0	3.8	38	3.0	30	3.2	32	3.0	30	2.9	29
ESL	Participants		11929	3410	8491	71	3438	29	102	1	0	0	3.4	34	3.5	35	3.4	34	3.2	32	3.0	30
	Nonparticipants		18460	3437	11990	65	6470	35	379	2	5	0	3.4	34	3.5	35	3.6	36	3.4	34	3.4	34
	No Information Provided		30	3387	22	73	8	27	0	0	0	0	3.9	39	2.9	29	3.2	32	2.9	29	3.0	30
Special Education	Yes		7424	3379	5625	76	1799	24	36	0	0	0	3.2	32	3.2	32	3.2	32	3.2	32	3.0	30
	No		22978	3442	14866	65	8112	35	445	2	5	0	3.5	35	3.5	35	3.6	36	3.4	34	3.3	33
	No Information Provided		17	3397	12	71	5	29	0	0	0	0	3.4	34	2.8	28	3.5	35	3.2	32	3.2	32
Gifted/Talented	Participants		90	3580	43	48	47	52	8	9	0	0	3.6	36	4.2	42	4.5	45	4.3	43	4.0	40
	Nonparticipants		30311	3426	20447	67	9864	33	473	2	5	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No Information Provided		18	3395	13	72	5	28	0	0	0	0	3.4	34	2.8	28	3.3	33	3.2	32	3.3	33
At-Risk	Yes		28230	3425	19135	68	9095	32	426	2	4	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No		2174	3449	1358	62	816	38	55	3	1	0	3.5	35	3.4	34	3.6	36	3.5	35	3.5	35
	No Information Provided		15	3421	10	67	5	33	0	0	0	0	4.0	40	2.8	28	3.3	33	3.2	32	3.3	33
Career/Technical Education	Participants		21103	3428	14251	68	6852	32	328	2	3	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	Nonparticipants		9310	3423	6247	67	3063	33	153	2	2	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
	No Information Provided		6	3318	5	83	1	17	0	0	0	0	3.5	35	2.0	20	3.7	37	2.0	20	3.3	33

* 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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