



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

All Students

STATEWIDE PRELIMINARY

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																							
Students Tested	42110	89																						
Students Not Tested																								
Absent	5008	11																						
Other	436	1																						
Total Documents Submitted	47554	100																						
Legend			--- = No Data Reported For Fewer Than Five Students																					
			#		%		#		%		#		%		#		%		#		%			
			10		10		10		10		10		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	4.0	40		
Male	24333	3568	13995	58	10338	42	3333	14	1263	5	4.0	40	4.0	40	4.1	41	4.0	40	3.9	39	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	4.2	42		
No Information Provided	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Hispanic/Latino	28665	3597	15527	54	13138	46	4354	15	1500	5	4.1	41	4.2	42	4.3	43	4.0	40	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	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	5.2	52		
Black or African American	6584	3466	4174	63	2410	37	402	6	107	2	3.6	36	3.7	37	3.7	37	3.5	35	3.5	35	3.5	35		
Native Hawaiian or Other Pacific Islander	75	3531	41	55	34	45	8	1	1	1	3.9	39	4.1	41	3.8	38	3.7	37	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	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	4.5	45		
No Information Provided	50	3657	22	44	28	56	9	18	3	6	4.5	45	4.3	43	4.7	47	5.0	50	4.5	45	4.5	45		
Economically Disadvantaged	Yes	31943	3556	18101	57	13842	43	3897	12	1146	4	3.9	39	4.0	40	4.1	41	3.9	39	3.8	38	3.8	38	
	No	10114	3753	4583	45	5531	55	2673	26	1322	13	4.6	46	4.7	47	4.9	49	4.7	47	4.7	47	4.7	47	
	No Information Provided	53	3712	21	40	32	60	9	17	4	4.7	47	4.5	45	4.9	49	4.8	48	4.2	42	4.2	42		
Title I, Part A	Participants	26053	3621	13617	52	12436	48	4531	17	1602	6	4.2	42	4.3	43	4.4	44	4.2	42	4.1	41	4.1	41	
	Nonparticipants	15998	3574	9061	57	6937	43	2039	13	866	5	4.0	40	4.0	40	4.2	42	3.9	39	3.9	39	3.9	39	
	No Information Provided	59	3654	27	46	32	54	9	15	4	4.4	44	4.4	44	4.5	45	4.5	45	4.0	40	4.0	40	4.0	40
Migrant	Yes	403	3516	241	60	162	40	39	10	11	3.9	39	3.8	38	3.9	39	3.7	37	3.6	36	3.6	36		
	No	41636	3604	22430	54	19206	46	6530	16	2457	6	4.1	41	4.2	42	4.3	43	4.1	41	4.1	41	4.1	41	
	No Information Provided	71	3639	34	48	37	52	10	14	4	4.4	44	4.1	41	4.6	46	4.4	44	4.1	41	4.1	41		
Limited English Proficient	Current LEP	15349	3468	9928	65	5421	35	761	5	121	1	3.6	36	3.7	37	3.7	37	3.5	35	3.3	33	3.3	33	
	Non-LEP (Monitored 1st Year)	622	3697	257	41	365	59	146	23	26	4	4.6	46	4.6	46	4.8	48	4.4	44	4.6	46	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	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	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	6.6	66	
	Other Non-LEP	24549	3661	12168	50	12381	50	4884	20	2059	8	4.3	43	4.3	43	4.5	45	4.3	43	4.4	44	4.4	44	
	No Information Provided	65	3633	31	48	34	52	9	14	4	4.4	44	4.0	40	4.6	46	4.4	44	4.0	40	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	6.8	68	
	Nonparticipants	41848	3601	22632	54	19216	46	6441	15	2411	6	4.1	41	4.2	42	4.3	43	4.1	41	4.0	40	4.0	40	
	No Information Provided	79	3580	43	54	36	46	9	11	4	4.2	42	3.9	39	4.3	43	4.1	41	3.7	37	3.7	37		
ESL	Participants	14612	3467	9449	65	5163	35	708	5	111	1	3.6	36	3.7	37	3.7	37	3.5	35	3.3	33	3.3	33	
	Nonparticipants	27421	3676	13214	48	14207	52	5862	21	2357	9	4.4	44	4.4	44	4.6	46	4.4	44	4.5	45	4.5	45	
	No Information Provided	77	3588	42	55	35	45	9	12	4	4.3	43	3.9	39	4.3	43	4.1	41	3.7	37	3.7	37		
Special Education	Yes	8560	3412	6169	72	2391	28	249	3	42	0	3.4	34	3.4	34	3.4	34	3.3	33	3.2	32	3.2	32	
	No	33496	3652	16514	49	16982	51	6321	19	2426	7	4.3	43	4.4	44	4.5	45	4.3	43	4.3	43	4.3	43	
	No Information Provided	54	3688	22	41	32	59	9	17	4	4.5	45	4.3	43	4.9	49	4.7	47	4.2	42	4.2	42		
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	8.4	84	
	Nonparticipants	40660	3566	22627	56	18033	44	5320	13	1584	4	4.0	40	4.0	40	4.1	41	3.9	39	3.9	39	3.9	39	
	No Information Provided	61	3685	27	44	34	56	11	18	5	8	4.4	44	4.3	43	4.8	48	4.7	47	4.2	42	4.2	42	
At-Risk	Yes	35321	3503	21110	60	14211	40	2781	8	493	1	3.7	37	3.8	38	3.9	39	3.7	37	3.6	36	3.6	36	
	No	6737	4126	1573	23	5164	77	3789	56	1975	29	6.1	61	6.1	61	6.5	65	6.3	63	6.4	64	6.4	64	
	No Information Provided	52	3703	22	42	30	58	9	17	4	4.8	48	4.4	44	4.8	48	4.8	48	4.2	42	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	3.8	38	
	Nonparticipants	15030	3682	7254	48	7776	52	3275	22	1348	9	4.4	44	4.5	45	4.6	46	4.4	44	4.4	44	4.4	44	
	No Information Provided	31	3784	11	35	20	65	9	29	3	5.2	52	4.6	46	5.2	52	5.2	52	4.8	48	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.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

First-Time Tested Students

STATEWIDE PRELIMINARY

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			11720	91																			
Students Not Tested																							
Absent			1076	8																			
Other			37	0																			
Total Documents Submitted			12833	100																			
Legend			---																				
--- = No Data Reported For Fewer Than Five Students																							
			#		%		#		%		#		%		#		%		#		%		
All Students			11720	4062	2218	19	9502	81	6099	52	2467	21	6.0	60	6.0	60	6.3	63	6.1	61	6.2	62	
Male			5929	4039	1305	22	4624	78	2987	50	1261	21	5.8	58	5.8	58	6.2	62	6.0	60	6.1	61	
Female			5787	4086	911	16	4876	84	3112	54	1206	21	6.1	61	6.2	62	6.4	64	6.1	61	6.3	63	
No Information Provided			4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hispanic/Latino			8086	4029	1577	20	6509	80	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			467	4563	31	7	436	93	374	80	255	55	7.6	76	7.8	78	7.9	79	7.8	78	7.7	77	
Black or African American			1056	3792	349	33	707	67	344	33	107	10	4.9	49	5.0	50	5.3	53	5.0	50	5.1	51	
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			1827	4232	217	12	1610	88	1183	65	556	30	6.4	64	6.5	65	7.1	71	6.8	68	7.1	71	
Two or More Races			214	4109	30	14	184	86	125	58	41	19	6.0	60	6.1	61	6.7	67	6.2	62	6.5	65	
No Information Provided			29	3886	7	24	22	76	9	31	3	10	5.3	53	5.2	52	5.6	56	5.8	58	5.2	52	
Economically Disadvantaged			Yes	7943	3958	1791	23	6152	77	3552	45	1144	14	5.6	56	5.6	56	5.9	59	5.7	57	5.8	58
			No	3739	4286	416	11	3323	89	2538	68	1319	35	6.7	67	6.8	68	7.2	72	6.9	69	7.1	71
			No Information Provided	38	3825	11	29	27	71	9	24	4	5.1	51	5.1	51	5.4	54	5.4	54	4.7	47	
Title I, Part A			Participants	8168	4052	1520	19	6648	81	4257	52	1601	20	6.0	60	6.0	60	6.3	63	6.0	60	6.2	62
			Nonparticipants	3510	4089	682	19	2828	81	1833	52	862	25	5.9	59	6.0	60	6.4	64	6.2	62	6.3	63
			No Information Provided	42	3753	16	38	26	62	9	21	4	4.7	47	4.9	49	5.1	51	5.0	50	4.3	43	
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	11557	4066	2157	19	9400	81	6055	52	2452	21	6.0	60	6.0	60	6.3	63	6.1	61	6.2	62
			No Information Provided	46	3773	16	35	30	65	10	22	4	9	4.8	48	4.8	48	5.3	53	5.1	51	4.6	46
Limited English Proficient			Current LEP	2787	3727	984	35	1803	65	654	23	121	4	4.8	48	4.8	48	4.9	49	4.7	47	4.5	45
			Non-LEP (Monitored 1st Year)	314	3925	59	19	255	81	141	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	7562	4165	1114	15	6448	85	4532	60	2054	27	6.3	63	6.3	63	6.8	68	6.5	65	6.7	67
			No Information Provided	44	3749	16	36	28	64	9	20	4	9	4.7	47	4.7	47	5.2	52	5.0	50	4.3	43
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	11531	4058	2196	19	9335	81	5962	52	2406	21	5.9	59	6.0	60	6.3	63	6.0	60	6.2	62
			No Information Provided	46	3719	19	41	27	59	9	20	4	9	4.6	46	4.5	45	5.0	50	4.9	49	4.3	43
ESL			Participants	2686	3719	960	36	1726	64	606	23	111	4	4.8	48	4.8	48	4.9	49	4.6	46	4.5	45
			Nonparticipants	8987	4166	1238	14	7749	86	5484	61	2352	26	6.3	63	6.3	63	6.8	68	6.5	65	6.7	67
			No Information Provided	47	3716	20	43	27	57	9	19	4	9	4.6	46	4.6	46	5.0	50	4.9	49	4.2	42
Special Education			Yes	1141	3625	548	48	593	52	213	19	42	4	4.3	43	4.2	42	4.5	45	4.3	43	4.2	42
			No	10542	4110	1660	16	8882	84	5877	56	2421	23	6.1	61	6.2	62	6.5	65	6.3	63	6.4	64
			No Information Provided	37	3822	10	27	27	73	9	24	4	11	5.0	50	5.0	50	5.5	55	5.4	54	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	10378	3976	2196	21	8182	79	4848	47	1579	15	5.7	57	5.7	57	6.0	60	5.8	58	5.9	59
			No Information Provided	43	3806	14	33	29	67	11	26	5	12	4.9	49	5.0	50	5.5	55	5.3	53	4.6	46
At-Risk			Yes	7111	3815	1986	28	5125	72	2355	33	489	7	5.1	51	5.1	51	5.4	54	5.1	51	5.2	52
			No	4572	4447	220	5	4352	95	3735	82	1974	43	7.3	73	7.4	74	7.8	78	7.6	76	7.8	78
			No Information Provided	37	3817	12	32	25	68	9	24	4	11	5.1	51	5.1	51	5.4	54	5.4	54	4.6	46
Career/Technical Education			Participants	5959	4025	1194	20	4765	80	2968	50	1118	19	5.9	59	5.8	58	6.2	62	5.9	59	6.1	61
			Nonparticipants	5736	4101	1018	18	4718	82	3122	54	1346	23	6.1	61	6.2	62	6.5	65	6.2	62	6.3	63
			No Information Provided	25	3896	6	24	19	76	9	36	3	12	5.6	56	5.2	52	5.6	56	6.0	60	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.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

Retested Students

STATEWIDE PRELIMINARY

Report Date: FALL 2019
Date of Testing: FALL 2019

Administration Summary			Number of Students Tested	Average Scale Score	Results for Each Reporting Category*																		
					Number		Did Not Meet		Approaches		Meets		Masters		1		2		3		4		5
Percent													Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems		
Students Tested																							
Students Not Tested																							
Absent																							
Other																							
Total Documents Submitted																							
Legend					Number of Items Tested																		
--- = No Data Reported For Fewer Than Five Students					Avg. # of Items / % Correct																		
			#		#		#		#		#		#		#		#		#				
			%		%		%		%		%		%		%		%		%				
All Students			30390	3426	20487	67	9903	33	480	2	5	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32	
Male			18404	3417	12690	69	5714	31	346	2	2	0	3.3	33	3.4	34	3.5	35	3.3	33	3.2	32	
Female			11986	3441	7797	65	4189	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			20579	3427	13950	68	6629	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			490	3404	356	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			5528	3404	3825	69	1703	31	58	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			3266	3465	2023	62	1243	38	103	3	2	0	3.5	35	3.5	35	3.7	37	3.5	35	3.5	35	
Two or More Races			351	3437	218	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	24000	3423	16310	68	7690	32	345	1	2	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
			No	6375	3440	4167	65	2208	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	3.8	38	2.9	29	3.5	35	3.4	34	3.0	30	
Title I, Part A			Participants	17885	3424	12097	68	5788	32	274	2	1	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
			Nonparticipants	12488	3430	8379	67	4109	33	206	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	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	30079	3427	20273	67	9806	33	475	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	3.6	36	2.8	28	3.4	34	3.0	30	3.1	31	
Limited English Proficient			Current LEP	12562	3410	8944	71	3618	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	16987	3436	11054	65	5933	35	352	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	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	30317	3426	20436	67	9881	33	479	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	3.8	38	3.0	30	3.2	32	3.0	30	2.9	29	
ESL			Participants	11926	3410	8489	71	3437	29	102	1	0	0	3.4	34	3.5	35	3.4	34	3.2	32	3.0	30
			Nonparticipants	18434	3437	11976	65	6458	35	378	2	5	0	3.4	34	3.4	34	3.6	36	3.4	34	3.4	34
			No Information Provided	30	3387	22	73	8	27	0	0	0	3.9	39	2.9	29	3.2	32	2.9	29	3.0	30	
Special Education			Yes	7419	3379	5621	76	1798	24	36	0	0	0	3.2	32	3.2	32	3.2	32	3.2	32	3.0	30
			No	22954	3442	14854	65	8100	35	444	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	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	30282	3426	20431	67	9851	33	472	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	3.4	34	2.8	28	3.3	33	3.2	32	3.3	33	
At-Risk			Yes	28210	3425	19124	68	9086	32	426	2	4	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
			No	2165	3449	1353	62	812	38	54	2	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	4.0	40	2.8	28	3.3	33	3.2	32	3.3	33	
Career/Technical Education			Participants	21090	3428	14246	68	6844	32	327	2	3	0	3.4	34	3.5	35	3.5	35	3.3	33	3.2	32
			Nonparticipants	9294	3424	6236	67	3058	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	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.