

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

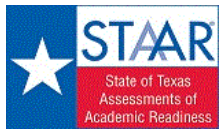
All Students

STATEWIDE

Report Date: SPRING 2017
Date of Testing: SPRING 2017

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			403989	98																		
Students Not Tested																						
Absent			5271	1																		
Other			1098	0																		
Total Documents Submitted			410358	100																		
Legend			---																			
--- = No Data Reported For Fewer Than Five Students																						
			#		#		#		#		#		#		#		#		#			
			%		%		%		%		%		%		%		%		%			
			Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct		Avg. # of Items / % Correct			
All Students			403989	4125	58687	15	345302	85	237497	59	85721	21	7.0	63	7.0	63	6.2	62	6.7	61	7.3	67
Male			207721	4108	35177	17	172544	83	119104	57	44464	21	6.9	62	6.8	62	6.2	62	6.7	61	7.3	66
Female			196243	4143	23503	12	172740	88	118384	60	41253	21	7.1	64	7.2	65	6.3	63	6.8	61	7.4	67
No Information Provided			25	3890	7	28	18	72	9	36	4	16	6.1	55	5.8	53	5.4	54	5.5	50	6.3	57
Hispanic/Latino			210511	4005	38140	18	172371	82	106060	50	28658	14	6.5	59	6.6	60	5.8	58	6.2	56	6.8	62
American Indian or Alaska Native			1469	4116	214	15	1255	85	872	59	299	20	6.9	63	6.9	63	6.2	62	6.8	62	7.3	67
Asian			17135	4602	877	5	16258	95	14541	85	9295	54	8.6	78	8.7	79	7.7	77	8.5	78	9.0	82
Black or African American			52495	3945	11051	21	41444	79	23627	45	5743	11	6.3	57	6.2	57	5.6	56	5.9	54	6.6	60
Native Hawaiian or Other Pacific Islander			614	4125	90	15	524	85	364	59	132	21	7.1	64	7.0	64	6.2	62	6.6	60	7.4	67
White			113970	4343	7676	7	106294	93	86381	76	39074	34	7.8	71	7.8	71	7.1	71	7.7	70	8.3	76
Two or More Races			7643	4323	574	8	7069	92	5602	73	2504	33	7.8	71	7.7	70	7.0	70	7.6	69	8.2	74
No Information Provided			152	3792	65	43	87	57	50	33	16	11	5.4	49	5.4	50	5.0	50	5.2	47	5.5	50
Economically Disadvantaged			Yes 226020	3963	45309	20	180711	80	105657	47	25897	11	6.3	57	6.4	58	5.6	56	6.0	55	6.6	60
			No 177790	4331	13302	7	164488	93	131786	74	59810	34	7.8	71	7.7	70	7.0	70	7.6	69	8.2	75
			No Information Provided 179	3758	76	42	103	58	54	30	14	8	5.3	49	5.3	48	4.8	48	5.1	46	5.3	48
Title I, Part A			Participants 181048	3997	34324	19	146724	81	89406	49	24468	14	6.4	59	6.5	59	5.8	58	6.1	56	6.8	62
			Nonparticipants 222756	4229	24287	11	198469	89	148042	66	61240	27	7.4	67	7.4	67	6.6	66	7.2	65	7.8	71
			No Information Provided 185	3747	76	41	109	59	49	26	13	7	5.3	48	5.1	47	4.7	47	5.2	47	5.3	48
Migrant			Yes 2076	3813	581	28	1495	72	681	33	124	6	5.6	51	5.8	52	5.0	50	5.2	48	5.9	54
			No 401623	4127	57975	14	343648	86	236747	59	85581	21	7.0	63	7.0	64	6.3	63	6.7	61	7.3	67
			No Information Provided 290	3692	131	45	159	55	69	24	16	6	5.0	46	5.0	46	4.5	45	4.7	43	5.1	47
Limited English Proficient			Current LEP 48435	3672	19895	41	28540	59	9496	20	1271	3	4.9	45	5.2	47	4.3	43	4.6	41	5.0	46
			Non-LEP (Monitored 1st Year) 7494	3984	753	10	6741	90	3568	48	580	8	6.5	59	6.7	61	5.8	58	6.1	55	6.8	62
			Non-LEP (Monitored 2nd Year) 5798	4131	401	7	5397	93	3687	64	873	15	7.2	65	7.2	66	6.4	64	6.8	62	7.5	68
			Other Non-LEP 342059	4192	37556	11	304503	89	220691	65	82982	24	7.3	66	7.2	66	6.5	65	7.0	64	7.7	70
			No Information Provided 203	3751	82	40	121	60	55	27	15	7	5.2	47	5.2	48	4.8	48	5.1	46	5.3	48
Bilingual			Participants 428	4217	36	8	392	92	292	68	115	27	7.4	68	7.4	68	6.8	68	7.2	65	7.8	71
			Nonparticipants 403337	4125	58553	15	344784	85	237144	59	85590	21	7.0	63	7.0	63	6.2	62	6.7	61	7.3	67
			No Information Provided 224	3738	98	44	126	56	61	27	16	7	5.3	48	5.1	46	4.6	46	5.1	46	5.3	48
ESL			Participants 45671	3670	18766	41	26905	59	8858	19	1139	2	4.9	45	5.2	47	4.3	43	4.5	41	5.0	46
			Nonparticipants 358104	4183	39831	11	318273	89	228581	64	84566	24	7.2	66	7.2	66	6.5	65	7.0	64	7.6	69
			No Information Provided 214	3744	90	42	124	58	58	27	16	7	5.3	48	5.2	47	4.7	47	5.1	46	5.4	49
Special Education			Yes 33967	3593	17579	52	16388	48	4811	14	878	3	4.5	41	4.7	42	4.0	40	4.3	39	4.6	42
			No 369820	4174	41022	11	328798	89	232627	63	84829	23	7.2	65	7.2	65	6.5	65	6.9	63	7.6	69
			No Information Provided 202	3745	86	43	116	57	59	29	14	7	5.2	48	5.2	48	4.8	48	5.0	46	5.2	48
Gifted/Talented			Participants 35678	4761	223	1	35455	99	34022	95	23593	66	9.2	84	9.2	84	8.4	84	9.2	84	9.7	88
			Nonparticipants 368109	4063	58381	16	309728	84	203413	55	62113	17	6.7	61	6.8	62	6.0	60	6.5	59	7.1	65
			No Information Provided 202	3758	83	41	119	59	62	31	15	7	5.4	49	5.3	48	4.9	49	5.1	46	5.3	49
At-Risk			Yes 210510	3835	53146	25	157364	75	73123	35	10347	5	5.7	52	5.8	53	5.1	51	5.4	49	6.0	55
			No 193311	4440	5468	3	187843	97	164323	85	75359	39	8.3	75	8.2	75	7.5	75	8.1	74	8.8	80
			No Information Provided 168	3759	73	43	95	57	51	30	15	9	5.3	48	5.3	48	4.8	48	5.1	46	5.3	48
Career/Technical Education			Participants 269236	4110	38494	14	230742	86	156305	58	53174	20	6.9	63	6.9	63	6.2	62	6.7	61	7.3	66
			Nonparticipants 134551	4155	20107	15	114444	85	81135	60	32534	24	7.0	64	7.1	65	6.3	63	6.8	62	7.4	67
			No Information Provided 202	3752	86	43	116	57	57	28	13	6	5.3	48	5.2	47	4.8	48	5.0	46	5.4	49

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

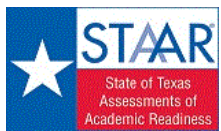
First-Time Tested Students

STATEWIDE

Report Date: SPRING 2017
Date of Testing: SPRING 2017

Administration Summary			Number of Students Tested	Average Scale Score	Did Not Meet		Approaches		Meets		Masters		Results for Each Reporting Category*																			
													Number	Percent	1		2		3		4		5									
Students Tested	382319	99											Cell Structure and Function	Mechanisms of Genetics	Biological Evolution and Classification	Biological Processes and Systems	Interdependence within Environmental Systems	Number of Items Tested														
Students Not Tested	Absent	Other																Total Documents Submitted	386202	100	11		11		10		11		11			
Legend													Avg. # of Items / % Correct																			
--- = No Data Reported For Fewer Than Five Students													#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%				
All Students													382319	4164	44412	12	337907	88	236971	62	85700	22	7.1	65	7.2	65	6.4	64	6.9	63	7.5	69
Male													194766	4154	26353	14	168413	86	118799	61	44451	23	7.1	64	7.0	64	6.4	64	6.9	63	7.5	68
Female													187528	4174	18052	10	169476	90	118163	63	41245	22	7.2	66	7.3	67	6.5	65	6.9	63	7.6	69
No Information Provided													25	3890	7	28	18	72	9	36	4	16	6.1	55	5.8	53	5.4	54	5.5	50	6.3	57
Hispanic/Latino			195738	4048	28460	15	167278	85	105714	54	28642	15	6.7	61	6.8	62	6.0	60	6.4	58	7.1	64										
American Indian or Alaska Native			1382	4156	158	11	1224	89	869	63	299	22	7.1	65	7.1	64	6.4	64	7.0	63	7.5	68										
Asian			16760	4627	646	4	16114	96	14524	87	9294	55	8.7	79	8.8	80	7.8	78	8.6	79	9.1	83										
Black or African American			48327	3991	8183	17	40144	83	23536	49	5741	12	6.5	59	6.4	59	5.8	58	6.1	55	6.8	62										
Native Hawaiian or Other Pacific Islander			580	4166	67	12	513	88	362	62	132	23	7.3	66	7.2	66	6.4	64	6.8	62	7.6	69										
White			111935	4360	6391	6	105544	94	86318	77	39073	35	7.9	72	7.8	71	7.2	72	7.8	71	8.4	76										
Two or More Races			7461	4345	456	6	7005	94	5598	75	2503	34	7.9	72	7.8	71	7.1	71	7.7	70	8.3	75										
No Information Provided			136	3855	51	38	85	63	50	37	16	12	5.7	51	5.8	52	5.3	53	5.5	50	5.8	53										
Economically Disadvantaged			Yes 209122	4005	34104	16	175018	84	105258	50	25883	12	6.5	59	6.6	60	5.8	58	6.2	56	6.9	63										
No			173034	4355	10244	6	162790	94	131659	76	59803	35	7.9	72	7.9	71	7.1	71	7.7	70	8.3	76										
No Information Provided			163	3800	64	39	99	61	54	33	14	9	5.5	50	5.5	50	5.0	50	5.3	48	5.5	50										
Title I, Part A			Participants 167512	4042	25328	15	142184	85	89095	53	24456	15	6.7	61	6.7	61	6.0	60	6.3	58	7.0	64										
Nonparticipants			214636	4259	19019	9	195617	91	147827	69	61231	29	7.5	68	7.5	68	6.8	68	7.3	67	7.9	72										
No Information Provided			171	3782	65	38	106	62	49	29	13	8	5.4	49	5.3	48	4.9	49	5.3	48	5.4	49										
Migrant			Yes 1814	3864	419	23	1395	77	671	37	124	7	5.9	53	6.0	55	5.3	53	5.5	50	6.2	56										
No			380262	4165	43896	12	336366	88	236231	62	85560	23	7.1	65	7.2	65	6.4	64	6.9	63	7.5	69										
No Information Provided			243	3752	97	40	146	60	69	28	16	7	5.3	48	5.3	48	4.8	48	5.0	45	5.5	50										
Limited English Proficient			Current LEP 39672	3726	13899	35	25773	65	9320	23	1263	3	5.2	47	5.5	50	4.6	46	4.8	44	5.4	49										
Non-LEP (Monitored 1st Year)			7340	3994	668	9	6672	91	3555	48	579	8	6.5	59	6.7	61	5.8	58	6.1	56	6.9	63										
Non-LEP (Monitored 2nd Year)			5601	4153	288	5	5313	95	3678	66	872	16	7.3	66	7.3	67	6.5	65	6.9	63	7.7	70										
Other Non-LEP			329520	4221	29486	9	300034	91	220364	67	82971	25	7.4	67	7.4	67	6.6	66	7.2	65	7.8	71										
No Information Provided			186	3780	71	38	115	62	54	29	15	8	5.3	49	5.4	49	5.0	50	5.2	48	5.5	50										
Bilingual			Participants 418	4235	29	7	389	93	292	70	115	28	7.5	68	7.5	68	6.8	68	7.3	66	7.9	72										
Nonparticipants			381698	4164	44302	12	337396	88	236618	62	85569	22	7.1	65	7.2	65	6.4	64	6.9	63	7.5	69										
No Information Provided			203	3779	81	40	122	60	61	30	16	8	5.5	50	5.3	48	4.8	48	5.3	48	5.5	50										
ESL			Participants 37612	3722	13290	35	24322	65	8691	23	1130	3	5.2	47	5.5	50	4.6	46	4.8	43	5.3	49										
Nonparticipants			344513	4212	31048	9	313465	91	228222	66	84554	25	7.4	67	7.3	67	6.6	66	7.1	65	7.8	71										
No Information Provided			194	3787	74	38	120	62	58	30	16	8	5.5	50	5.4	49	4.9	49	5.3	48	5.6	51										
Special Education			Yes 28538	3634	13479	47	15059	53	4777	17	877	3	4.7	43	4.9	44	4.2	42	4.5	40	4.9	44										
No			353602	4207	30864	9	322738	91	232136	66	84809	24	7.3	67	7.3	67	6.6	66	7.1	64	7.8	71										
No Information Provided			179	3791	69	39	110	61	58	32	14	8	5.4	49	5.4	50	5.0	50	5.3	48	5.5	50										
Gifted/Talented			Participants 35621	4763	190	1	35431	99	34020	96	23593	66	9.2	84	9.2	84	8.4	84	9.2	84	9.7	88										
Nonparticipants			346514	4102	44152	13	302362	87	202890	59	62092	18	6.9	63	6.9	63	6.2	62	6.7	61	7.3	67										
No Information Provided			184	3794	70	38	114	62	61	33	15	8	5.5	50	5.5	50	5.0	50	5.3	48	5.5	50										
At-Risk			Yes 190081	3878	39629	21	150452	79	72647	38	10327	5	6.0	54	6.0	55	5.3	53	5.6	51	6.3	57										
No			192086	4447	4723	2	187363	98	164274	86	75358	39	8.3	76	8.3	75	7.5	75	8.2	74	8.8	80										
No Information Provided			152	3801	60	39	92	61	50	33	15	10	5.5	50	5.5	50	5.0	50	5.3	48	5.5	50										
Career/Technical Education			Participants 254669	4148	28917	11	225752	89	155968	61	53162	21	7.1	65	7.1	65	6.4	64	6.8	62	7.5	68										
Nonparticipants			127464	4195	15421	12	112043	88	80946	64	32525	26	7.2	66	7.3	66	6.5	65	7.0	64	7.6	69										
No Information Provided			186	3788	74	40	112	60	57	31	13	7	5.5	50	5.4	49	4.9	49	5.2	47	5.5	50										

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

Retested Students

STATEWIDE

Report Date: SPRING 2017
Date of Testing: SPRING 2017

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				
Legend			Number of Items Tested																			
--- = No Data Reported For Fewer Than Five Students			Avg. # of Items / % Correct																			
			#		#		#		#		#		#		#		#		#			
All Students			21670	3436	14275	66	7395	34	526	2	21	0	3.8	34	3.9	36	3.3	33	3.6	33	3.7	34
Male			12955	3420	8824	68	4131	32	305	2	13	0	3.7	34	3.9	35	3.2	32	3.6	32	3.6	33
Female			8715	3461	5451	63	3264	37	221	3	8	0	3.8	35	4.1	37	3.5	35	3.6	33	3.8	34
No Information Provided			0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hispanic/Latino			14773	3440	9680	66	5093	34	346	2	16	0	3.8	34	4.0	36	3.3	33	3.6	33	3.7	33
American Indian or Alaska Native			87	3473	56	64	31	36	3	3	0	0	3.6	33	4.2	38	3.5	35	3.8	34	4.0	36
Asian			375	3479	231	62	144	38	17	5	1	0	4.1	37	4.1	37	3.4	34	3.7	33	4.0	37
Black or African American			4168	3411	2868	69	1300	31	91	2	2	0	3.6	33	3.7	34	3.3	33	3.5	32	3.6	33
Native Hawaiian or Other Pacific Islander			34	3440	23	68	11	32	2	6	0	0	3.5	32	4.2	39	3.2	32	3.6	33	3.8	34
White			2035	3454	1285	63	750	37	63	3	1	0	3.8	35	4.0	36	3.4	34	3.8	34	3.8	35
Two or More Races			182	3443	118	65	64	35	4	2	1	1	3.7	34	4.0	37	3.4	34	3.7	34	3.6	33
No Information Provided			16	3253	14	88	2	13	0	0	0	0	2.8	26	2.9	26	2.9	29	2.6	24	2.9	27
Economically Disadvantaged	Yes		16898	3433	11205	66	5693	34	399	2	14	0	3.7	34	3.9	36	3.3	33	3.6	32	3.7	33
	No		4756	3448	3058	64	1698	36	127	3	7	0	3.8	35	4.0	36	3.4	34	3.7	34	3.7	34
	No Information Provided		16	3327	12	75	4	25	0	0	0	0	3.7	34	2.9	27	2.8	28	2.6	23	3.7	34
Title I, Part A	Participants		13536	3431	8996	66	4540	34	311	2	12	0	3.7	34	3.9	36	3.3	33	3.6	32	3.7	33
	Nonparticipants		8120	3446	5268	65	2852	35	215	3	9	0	3.8	34	4.0	36	3.4	34	3.6	33	3.7	34
	No Information Provided		14	3326	11	79	3	21	0	0	0	0	3.4	31	2.7	25	2.7	27	2.9	27	3.9	35
Migrant	Yes		262	3459	162	62	100	38	10	4	0	0	4.0	37	4.1	37	3.4	34	3.5	32	3.8	35
	No		21361	3436	14079	66	7282	34	516	2	21	0	3.8	34	3.9	36	3.3	33	3.6	33	3.7	33
	No Information Provided		47	3386	34	72	13	28	0	0	0	0	3.4	31	3.4	31	3.3	33	3.4	31	3.5	32
Limited English Proficient	Current LEP		8763	3425	5996	68	2767	32	176	2	8	0	3.7	34	3.9	36	3.2	32	3.5	32	3.6	33
	Non-LEP (Monitored 1st Year)		154	3495	85	55	69	45	13	8	1	1	4.0	36	4.2	38	3.6	36	4.0	36	4.2	38
	Non-LEP (Monitored 2nd Year)		197	3511	113	57	84	43	9	5	1	1	4.1	37	4.4	40	3.7	37	3.8	34	4.0	36
	Other Non-LEP		12539	3442	8070	64	4469	36	327	3	11	0	3.8	34	3.9	36	3.4	34	3.7	33	3.7	34
	No Information Provided		17	3438	11	65	6	35	1	6	0	0	3.8	35	3.7	34	3.5	35	3.4	31	3.8	35
Bilingual	Participants		10	3478	7	70	3	30	0	0	0	0	4.1	37	4.6	42	3.5	35	3.9	35	3.1	28
	Nonparticipants		21639	3436	14251	66	7388	34	526	2	21	0	3.8	34	3.9	36	3.3	33	3.6	33	3.7	34
	No Information Provided		21	3337	17	81	4	19	0	0	0	0	3.3	30	3.1	28	2.7	27	3.1	28	3.6	33
ESL	Participants		8059	3428	5476	68	2583	32	167	2	9	0	3.7	34	4.0	36	3.2	32	3.5	32	3.6	33
	Nonparticipants		13591	3442	8783	65	4808	35	359	3	12	0	3.8	34	3.9	36	3.4	34	3.7	33	3.7	34
	No Information Provided		20	3331	16	80	4	20	0	0	0	0	3.4	30	3.2	29	2.7	27	2.9	26	3.7	33
Special Education	Yes		5429	3377	4100	76	1329	24	34	1	1	0	3.5	31	3.7	33	3.0	30	3.4	31	3.4	31
	No		16218	3456	10158	63	6060	37	491	3	20	0	3.9	35	4.0	37	3.4	34	3.7	33	3.8	34
	No Information Provided		23	3390	17	74	6	26	1	4	0	0	3.7	34	3.6	32	3.3	33	3.0	27	3.5	32
Gifted/Talented	Participants		57	3454	33	58	24	42	2	4	0	0	4.0	36	4.2	38	3.3	33	3.8	35	3.9	35
	Nonparticipants		21595	3436	14229	66	7366	34	523	2	21	0	3.8	34	3.9	36	3.3	33	3.6	33	3.7	34
	No Information Provided		18	3382	13	72	5	28	1	6	0	0	4.1	37	3.4	31	3.1	31	2.8	25	3.7	33
At-Risk	Yes		20429	3434	13517	66	6912	34	476	2	20	0	3.7	34	3.9	36	3.3	33	3.6	33	3.7	33
	No		1225	3473	745	61	480	39	49	4	1	0	3.9	36	4.1	37	3.5	35	3.8	35	3.8	34
	No Information Provided		16	3359	13	81	3	19	1	6	0	0	3.8	34	3.0	27	2.9	29	3.1	28	3.8	34
Career/Technical Education	Participants		14567	3439	9577	66	4990	34	337	2	12	0	3.8	34	4.0	36	3.3	33	3.6	33	3.7	33
	Nonparticipants		7087	3431	4686	66	2401	34	189	3	9	0	3.8	34	3.9	36	3.3	33	3.6	32	3.7	34
	No Information Provided		16	3328	12	75	4	25	0	0	0	0	3.7	34	2.7	24	3.0	30	2.8	26	3.5	32

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.