



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

All Students

Report Date: Fall 2021
Date of Testing: Fall 2021

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	71499	84																					
Students Not Tested																							
Absent	11534	14																					
Other	1931	2																					
Total Documents Submitted	84964	100																					
Legend													Number of Items Tested										
--- = No Data Reported For Fewer Than Five Students													10		10		10		10		10		
												Number of Items Correct											
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
All Students	71499	3584	42126	59	29373	41	10103	14	2641	4	3.3	33	3.4	34	4.4	44	4.3	43	4.2	41	4.1	42	
Male	38796	3562	24037	62	14759	38	5113	13	1385	4	3.3	33	3.3	33	4.2	42	4.1	41	4.1	41	4.1	41	
Female	31130	3606	17361	56	13769	44	4656	15	1182	4	3.4	34	3.5	35	4.5	45	4.4	44	4.2	42	4.2	42	
No Information Provided	1573	3691	728	46	845	54	334	21	74	5	3.6	36	3.6	36	5.2	52	4.8	48	4.7	47	4.7	47	
Hispanic/Latino	47447	3565	28496	60	18951	40	5976	13	1275	3	3.3	33	3.4	34	4.3	43	4.2	42	4.1	41	4.1	41	
American Indian or Alaska Native	180	3626	107	59	73	41	28	16	8	4	3.4	34	3.6	36	4.6	46	4.4	44	4.2	42	4.2	42	
Asian	1230	3980	494	40	736	60	475	39	291	24	4.8	48	4.9	49	5.9	59	5.6	56	5.5	55	5.5	55	
Black or African American	11090	3484	7521	68	3569	32	851	8	155	1	2.9	29	3.1	31	3.9	39	3.8	38	3.7	37	3.7	37	
Native Hawaiian or Other Pacific Islander	97	3562	60	62	37	38	12	12	4	4	3.4	34	3.3	33	4.0	40	4.1	41	4.0	40	4.0	40	
White	7831	3742	3628	46	4203	54	2018	26	697	9	3.9	39	3.9	39	5.2	52	5.0	50	5.0	50	5.0	50	
Two or More Races	1117	3690	573	51	544	49	249	22	80	7	3.7	37	3.8	38	4.9	49	4.7	47	4.7	4.7	4.7	47	
No Information Provided	2507	3667	1247	50	1260	50	494	20	131	5	3.6	36	3.6	36	5.0	50	4.7	47	4.6	46	4.6	46	
Economically Disadvantaged	Yes	51051	3538	31826	62	19225	38	5502	11	1064	2	3.1	31	3.3	33	4.1	41	4.1	41	4.0	40	4.0	40
	No	17629	3709	8877	50	8752	50	4099	23	1475	8	3.8	38	3.8	38	5.0	50	4.8	48	4.7	47	4.7	47
	No Information Provided	2819	3641	1423	50	1396	50	502	18	102	4	3.5	35	3.5	35	4.9	49	4.6	46	4.5	45	4.5	45
Title I, Part A	Participants	41020	3573	24630	60	16390	40	5469	13	1387	3	3.3	33	3.4	34	4.3	43	4.2	42	4.1	41	4.1	41
	Nonparticipants	25747	3608	14742	57	11005	43	4023	16	1124	4	3.4	34	3.5	35	4.5	45	4.4	44	4.3	43	4.3	43
	No Information Provided	4732	3550	2754	58	1978	42	611	13	130	3	3.2	32	3.3	33	4.4	44	4.2	42	4.1	41	4.1	41
Migrant	Yes	522	3540	321	61	201	39	55	11	6	1	3.2	32	3.2	32	4.2	42	4.1	41	4.0	40	4.0	40
	No	60875	3591	35872	59	25003	41	8819	14	2410	4	3.3	33	3.4	34	4.4	44	4.3	43	4.2	42	4.2	42
	No Information Provided	10102	3549	5933	59	4169	41	1229	12	225	2	3.2	32	3.3	33	4.3	43	4.2	42	4.1	41	4.1	41
Identified as Emergent Bilingual/English Learner		24521	3458	17484	71	7037	29	1164	5	145	1	2.9	29	3.1	31	3.7	37	3.7	37	3.5	35	3.5	35
Monitored 1st Year, reclassified from EB/EL		82	3946	18	22	64	78	36	44	11	13	4.8	48	4.7	47	6.5	65	5.5	55	6.1	61	6.1	61
Monitored 2nd Year, reclassified from EB/EL		207	3701	94	45	113	55	47	23	9	4	3.8	38	3.8	38	5.1	51	4.6	46	5.0	50	5.0	50
Monitored 3rd Year, reclassified from EB/EL		431	3905	110	26	321	74	172	40	40	9	4.6	46	4.4	44	6.1	61	5.7	57	6.0	60	6.0	60
Monitored 4th Year, reclassified from EB/EL		720	3945	167	23	553	77	312	43	77	11	4.8	48	4.6	46	6.3	63	5.8	58	6.0	60	6.0	60
Former EB/EL (Post Monitoring)		2386	3871	769	32	1617	68	812	34	278	12	4.4	44	4.3	43	5.9	59	5.5	55	5.6	56	5.6	56
Non-Emergent Bilingual/Non-English Learner		35746	3642	19267	54	16479	46	6582	18	1890	5	3.5	35	3.6	36	4.7	47	4.5	45	4.5	45	4.5	45
No Information Provided		7406	3572	4217	57	3189	43	978	13	191	3	3.3	33	3.3	33	4.5	45	4.3	43	4.2	42	4.2	42
Bilingual	Participants	145	3579	86	59	59	41	17	12	0	0	3.2	32	3.4	34	4.5	45	4.3	43	4.1	41	4.1	41
	Nonparticipants	61657	3588	36280	59	25377	41	8891	14	2357	4	3.3	33	3.4	34	4.4	44	4.3	43	4.2	42	4.2	42
	No Information Provided	9697	3558	5760	59	3937	41	1195	12	284	3	3.2	32	3.3	33	4.3	43	4.2	42	4.1	41	4.1	41
ESL	Participants	21115	3475	14766	70	6349	30	1309	6	225	1	2.9	29	3.1	31	3.7	37	3.8	38	3.5	35	3.5	35
	Nonparticipants	41939	3638	22585	54	19354	46	7556	18	2118	5	3.5	35	3.6	36	4.7	47	4.5	45	4.5	45	4.5	45
	No Information Provided	8445	3589	4775	57	3670	43	1238	15	298	4	3.3	33	3.4	34	4.5	45	4.3	43	4.2	42	4.2	42
Special Education	Yes	11916	3408	9352	78	2564	22	407	3	63	1	2.7	27	2.9	29	3.4	34	3.5	35	3.3	33	3.3	33
	No	51802	3623	28458	55	23344	45	8557	17	2334	5	3.5	35	3.5	35	4.6	46	4.4	44	4.4	44	4.4	44
	No Information Provided	7781	3595	4316	55	3465	45	1139	15	244	3	3.3	33	3.4	34	4.6	46	4.4	44	4.3	43	4.3	43
Gifted/Talented	Participants	2356	4389	317	13	2039	87	1677	71	926	39	6.4	64	6.2	62	7.7	77	7.3	73	7.5	75	7.5	75
	Nonparticipants	57861	3559	35146	61	22715	39	7115	12	1510	3	3.2	32	3.3	33	4.3	43	4.2	42	4.1	41	4.1	41
	No Information Provided	11282	3548	6663	59	4619	41	1311	12	205	2	3.2	32	3.3	33	4.3	43	4.2	42	4.1	41	4.1	41
At-Risk	Yes	56720	3512	36447	64	20273	36	4914	9	664	1	3.0	30	3.2	32	4.0	40	4.0	40	3.8	38	3.8	38
	No	10871	3934	3721	34	7150	66	4394	40	1793	16	4.7	47	4.6	46	6.0	60	5.7	57	5.8	58	5.8	58
	No Information Provided	3908	3658	1958	50	1950	50	795	20	184	5	3.6	36	3.6	36	4.9	49	4.6	46	4.6	46	4.6	46



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

Report Date: Fall 2021
Date of Testing: Fall 2021

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			27490	81											10		10		10		10		10	
Students Not Tested													10		10		10		10		10		10	
Absent			5522	16											10		10		10		10		10	
Other			748	2											10		10		10		10		10	
Total Documents Submitted			33760	100											10		10		10		10		10	
Legend													Number of Items Correct											
--- = No Data Reported For Fewer Than Five Students													#		#		#		#		#		#	
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
All Students			27490	3840	9420	34	18070	66	9436	34	2631	10	4.3	43	4.2	42	5.8	58	5.4	54	5.5	55		
Male			14067	3824	5238	37	8829	63	4708	33	1379	10	4.3	43	4.1	41	5.6	56	5.3	53	5.5	55		
Female			12573	3854	3969	32	8604	68	4402	35	1178	9	4.3	43	4.4	44	5.8	58	5.5	55	5.5	55		
No Information Provided			850	3902	213	25	637	75	326	38	74	9	4.4	44	4.2	42	6.4	64	5.8	58	5.9	59		
Hispanic/Latino			17579	3799	6352	36	11227	64	5547	32	1269	7	4.2	42	4.1	41	5.6	56	5.2	52	5.3	53		
American Indian or Alaska Native			67	3914	22	33	45	67	26	39	8	12	4.5	45	4.5	45	6.2	62	5.9	59	5.4	54		
Asian			685	4431	84	12	601	88	463	68	291	42	6.6	66	6.5	65	7.6	76	7.3	73	7.4	74		
Black or African American			3600	3668	1649	46	1951	54	772	21	151	4	3.6	36	3.7	37	4.9	49	4.7	47	4.7	47		
Native Hawaiian or Other Pacific Islander			37	3873	9	24	28	76	12	32	4	11	4.8	48	4.4	44	5.5	55	5.5	55	5.6	56		
White			3734	4051	804	22	2930	78	1909	51	697	19	5.1	51	4.9	49	6.8	68	6.3	63	6.4	64		
Two or More Races			540	3977	147	27	393	73	241	45	80	15	4.8	48	4.7	47	6.4	64	6.0	60	6.0	60		
No Information Provided			1248	3894	353	28	895	72	466	37	131	10	4.4	44	4.3	43	6.3	63	5.7	57	5.7	57		
Economically Disadvantaged																								
Yes			18121	3753	7116	39	11005	61	5043	28	1057	6	4.0	40	3.9	39	5.4	54	5.1	51	5.1	51		
No			8029	4034	1924	24	6105	76	3920	49	1472	18	5.1	51	4.9	49	6.6	66	6.2	62	6.3	63		
No Information Provided			1340	3855	380	28	960	72	473	35	102	8	4.3	43	4.1	41	6.1	61	5.6	56	5.6	56		
Title I, Part A																								
Participants			15885	3814	5801	37	10084	63	5122	32	1384	9	4.2	42	4.2	42	5.6	56	5.3	53	5.4	54		
Nonparticipants			9829	3891	3035	31	6794	69	3744	38	1117	11	4.5	45	4.4	44	6.0	60	5.7	57	5.7	57		
No Information Provided			1776	3791	584	33	1192	67	570	32	130	7	4.1	41	4.0	40	5.8	58	5.4	54	5.4	54		
Migrant																								
Yes			211	3677	98	46	113	54	45	21	6	3	3.7	37	3.6	36	4.9	49	4.8	48	4.8	48		
No			23448	3855	7918	34	15530	66	8278	35	2403	10	4.4	44	4.3	43	5.8	58	5.4	54	5.5	55		
No Information Provided			3831	3756	1404	37	2427	63	1113	29	222	6	3.9	39	3.9	39	5.6	56	5.2	52	5.2	52		
Identified as Emergent Bilingual/English Learner																								
Monitored 1st Year, reclassified from EB/EL			6555	3598	3534	54	3021	46	1000	15	144	2	3.4	34	3.5	35	4.5	45	4.4	44	4.3	43		
Monitored 2nd Year, reclassified from EB/EL			54	4149	4	7	50	93	34	63	11	20	5.8	58	5.4	54	7.3	73	6.4	64	7.2	72		
Monitored 3rd Year, reclassified from EB/EL			85	3999	17	20	68	80	44	52	9	11	5.2	52	4.7	47	6.5	65	6.0	60	6.6	66		
Monitored 4th Year, reclassified from EB/EL			281	4107	28	10	253	90	168	60	40	14	5.5	55	5.1	51	7.2	72	6.5	65	7.1	71		
Former EB/EL (Post Monitoring)			524	4112	52	10	472	90	305	58	77	15	5.5	55	5.2	52	7.1	71	6.5	65	6.9	69		
Non-Emergent Bilingual/Non-English Learner			1397	4124	194	14	1203	86	777	56	278	20	5.4	54	5.2	52	7.1	71	6.5	65	6.8	68		
No Information Provided			15617	3910	4569	29	11048	71	6211	40	1882	12	4.6	46	4.4	44	6.1	61	5.7	57	5.8	58		
Bilingual																								
Participants			41	3802	14	34	27	66	16	39	0	0	4.2	42	3.8	38	6.0	60	5.3	53	5.5	55		
Nonparticipants			23845	3847	8128	34	15717	66	8322	35	2349	10	4.3	43	4.3	43	5.8	58	5.4	54	5.5	55		
No Information Provided			3604	3793	1278	35	2326	65	1098	30	282	8	4.1	41	4.0	40	5.7	57	5.3	53	5.3	53		
ESL																								
Participants			5985	3648	2998	50	2987	50	1169	20	224	4	3.6	36	3.7	37	4.7	47	4.6	46	4.5	45		
Nonparticipants			18074	3906	5302	29	12772	71	7119	39	2111	12	4.6	46	4.4	44	6.1	61	5.7	57	5.8	58		
No Information Provided			3431	3830	1120	33	2311	67	1148	33	296	9	4.2	42	4.1	41	5.9	59	5.4	54	5.5	55		
Special Education																								
Yes			3227	3516	2103	65	1124	35	355	11	63	2	3.1	31	3.2	32	4.1	41	3.9	39	3.9	39		
No			20984	3894	6234	30	14750	70	8035	38	2324	11	4.5	45	4.4	44	6.0	60	5.6	56	5.7	57		
No Information Provided			3279	3817	1083	33	2196	67	1046	32	244	7	4.1	41	4.0	40	5.8	58	5.4	54	5.4	54		
Gifted/Talented																								
Participants			1935	4581	58	3	1877	97	1657	86	926	48	7.2	72	6.9	69	8.5	85	8.1	81	8.3	83		
Nonparticipants			21226	3792	7744	36	13482	64	6589	31	1502	7	4.1	41	4.1	41	5.6	56	5.2	52	5.3	53		
No Information Provided			4329	3745	1618	37	2711	63	1190	27	203	5	3.9	39	3.8	38	5.5	55	5.1	51	5.2	52		
At-Risk																								
Yes			18527	3700	7824	42	10703	58	4400	24	656	4	3.8	38	3.7	37	5.2	52	4.9	49	4.9	49		
No			7083	4190	1114	16	5969	84	4284	60	1791	25	5.7	57	5.5	55	7.2	72	6.8	68	6.9	69		
No Information Provided			1880	3906	482	26	1398	74	752	40	184	10	4.5	45	4.3	43	6.4	64	5.8	58	5.9	59		



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

Retested Students

Report Date: Fall 2021
Date of Testing: Fall 2021

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	44009	86																					
Students Not Tested																							
Absent	6012	12																					
Other	1183	2																					
Total Documents Submitted	51204	100																					
Legend			Number of Items Tested																				
--- = No Data Reported For Fewer Than Five Students			10		10		10		10		10		10		10		10		10		10		
			Number of Items Correct																				
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
All Students			44009	3425	32706	74	11303	26	667	2	10	0	2.7	27	2.9	29	3.5	35	3.5	35	3.4	34	
Male			24729	3413	18799	76	5930	24	405	2	6	0	2.7	27	2.9	29	3.4	34	3.5	35	3.4	34	
Female			18557	3439	13392	72	5165	28	254	1	4	0	2.7	27	3.0	30	3.6	36	3.6	36	3.3	33	
No Information Provided			723	3442	515	71	208	29	8	1	0	0	2.7	27	2.9	29	3.7	37	3.6	36	3.4	34	
Hispanic/Latino			29868	3426	22144	74	7724	26	429	1	6	0	2.7	27	2.9	29	3.5	35	3.6	36	3.3	33	
American Indian or Alaska Native			113	3455	85	75	28	25	2	2	0	0	2.8	28	3.1	31	3.6	36	3.6	36	3.5	35	
Asian			545	3413	410	75	135	25	12	2	0	0	2.6	26	3.0	30	3.7	37	3.4	34	3.1	31	
Black or African American			7490	3396	5872	78	1618	22	79	1	4	0	2.6	26	2.8	28	3.3	33	3.4	34	3.3	33	
Native Hawaiian or Other Pacific Islander			60	3370	51	85	9	15	0	0	0	0	2.6	26	2.7	27	3.1	31	3.2	32	3.1	31	
White			4097	3459	2824	69	1273	31	109	3	0	0	2.9	29	2.9	29	3.7	37	3.7	37	3.6	36	
Two or More Races			577	3421	426	74	151	26	8	1	0	0	2.6	26	2.9	29	3.6	36	3.6	36	3.4	34	
No Information Provided			1259	3443	894	71	365	29	28	2	0	0	2.7	27	3.0	30	3.7	37	3.7	37	3.4	34	
Economically Disadvantaged																							
			Yes	32930	3420	24710	75	8220	25	459	1	7	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
			No	9600	3436	6953	72	2647	28	179	2	3	0	2.7	27	2.9	29	3.6	36	3.6	36	3.4	34
			No Information Provided	1479	3447	1043	71	436	29	29	2	0	0	2.7	27	2.9	29	3.7	37	3.7	37	3.4	34
Title I, Part A																							
			Participants	25135	3422	18829	75	6306	25	347	1	3	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
			Nonparticipants	15918	3433	11707	74	4211	26	279	2	7	0	2.7	27	2.9	29	3.6	36	3.6	36	3.4	34
			No Information Provided	2956	3406	2170	73	786	27	41	1	0	0	2.7	27	2.9	29	3.6	36	3.5	35	3.3	33
Migrant																							
			Yes	311	3447	223	72	88	28	10	3	0	0	2.8	28	3.0	30	3.7	37	3.7	37	3.4	34
			No	37427	3425	27954	75	9473	25	541	1	7	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
			No Information Provided	6271	3423	4529	72	1742	28	116	2	3	0	2.7	27	2.9	29	3.6	36	3.6	36	3.4	34
Identified as Emergent Bilingual/English Learner																							
			Monitored 1st Year, reclassified from EB/EL	17966	3407	13950	78	4016	22	164	1	1	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
			Monitored 2nd Year, reclassified from EB/EL	28	3555	14	50	14	50	2	7	0	0	3.0	30	3.3	33	4.9	49	3.9	39	4.0	40
			Monitored 3rd Year, reclassified from EB/EL	122	3493	77	63	45	37	3	2	0	0	2.9	29	3.1	31	4.0	40	3.6	36	3.8	38
			Monitored 4th Year, reclassified from EB/EL	150	3527	82	55	68	45	4	3	0	0	2.9	29	3.0	30	4.2	42	4.1	41	4.0	40
			Former EB/EL (Post Monitoring)	196	3500	115	59	81	41	7	4	0	0	2.9	29	3.1	31	4.1	41	3.9	39	3.7	37
			Non-Emergent Bilingual/Non-English Learner	989	3513	575	58	414	42	35	4	0	0	2.9	29	3.1	31	4.2	42	4.0	40	3.9	39
			No Information Provided	20129	3433	14698	73	5431	27	371	2	8	0	2.7	27	2.9	29	3.6	36	3.6	36	3.5	35
Bilingual																							
			Participants	104	3491	72	69	32	31	1	1	0	0	2.8	28	3.2	32	3.9	39	3.9	39	3.5	35
			Nonparticipants	37812	3425	28152	74	9660	26	569	2	8	0	2.7	27	2.9	29	3.5	35	3.5	35	3.4	34
			No Information Provided	6093	3419	4482	74	1611	26	97	2	2	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
ESL																							
			Participants	15130	3407	11768	78	3362	22	140	1	1	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
			Nonparticipants	23865	3436	17283	72	6582	28	437	2	7	0	2.7	27	2.9	29	3.6	36	3.6	36	3.5	35
			No Information Provided	5014	3424	3655	73	1359	27	90	2	2	0	2.7	27	2.9	29	3.6	36	3.5	35	3.4	34
Special Education																							
			Yes	8689	3368	7249	83	1440	17	52	1	0	0	2.5	25	2.7	27	3.2	32	3.3	33	3.1	31
			No	30818	3439	22224	72	8594	28	522	2	10	0	2.8	28	2.9	29	3.6	36	3.6	36	3.4	34
			No Information Provided	4502	3434	3233	72	1269	28	93	2	0	0	2.7	27	3.0	30	3.6	36	3.6	36	3.4	34
Gifted/Talented																							
			Participants	421	3507	259	62	162	38	20	5	0	0	3.0	30	3.2	32	4.0	40	4.0	40	3.8	38
			Nonparticipants	36635	3423	27402	75	9233	25	526	1	8	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
			No Information Provided	6953	3426	5045	73	1908	27	121	2	2	0	2.7	27	2.9	29	3.6	36	3.6	36	3.4	34
At-Risk																							
			Yes	38193	3421	28623	75	9570	25	514	1	8	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
			No	3788	3456	2607	69	1181	31	110	3	2	0	2.8	28	3.0	30	3.7	37	3.7	37	3.6	36
			No Information Provided	2028	3429	1476	73	552	27	43	2	0	0	2.7	27	2.9	29	3.6	36	3.5	35	3.4	34