



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

All Students

Report Date: SPRING 2023
Date of Testing: SPRING 2023

STATEWIDE

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	461494	97											Cell Structure and Function		Mechanisms of Genetics		Biological Evolution and Classification		Biological Processes and Systems		Interdependence within Environmental Systems											
Students Not Tested													Number of Points Possible																			
Absent	10106	2											11		10		10		11		11											
Other	2048	0											Number of Points Achieved																			
Total Documents Submitted	473648	100											#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%				
Legend													--- = No Data Reported For Fewer Than Five Students																			
All Students													461494	4118	53036	11	408458	89	262513	57	99370	22	5.6	51	5.5	55	4.8	48	5.1	47	6.4	58
Male													237285	4112	30693	13	206592	87	132731	56	52330	22	5.6	51	5.3	53	4.9	49	5.1	47	6.4	58
Female			222713	4126	22113	10	200600	90	129087	58	46835	21	5.6	51	5.6	56	4.8	48	5.1	47	6.4	58										
No Information Provided			1496	3996	230	15	1266	85	695	46	205	14	5.0	45	4.9	49	4.3	43	4.6	42	5.9	54										
Hispanic/Latino			250804	4007	36103	14	214701	86	122213	49	35404	14	5.1	47	5.0	50	4.4	44	4.6	42	5.9	53										
American Indian or Alaska Native			1377	4114	146	11	1231	89	799	58	295	21	5.5	50	5.4	54	4.9	49	5.1	46	6.5	59										
Asian			21981	4675	748	3	21233	97	19213	87	13564	62	7.8	71	7.7	77	7.0	70	7.4	67	8.5	77										
Black or African American			61293	3947	10191	17	51102	83	25977	42	6865	11	4.9	44	4.7	47	4.2	42	4.3	39	5.6	51										
Native Hawaiian or Other Pacific Islander			703	4107	82	12	621	88	412	59	147	21	5.5	50	5.5	55	4.9	49	5.1	46	6.3	58										
White			110793	4341	4567	4	106226	96	84411	76	39002	35	6.5	59	6.4	64	5.8	58	6.2	56	7.6	69										
Two or More Races			12165	4281	743	6	11422	94	8532	70	3822	31	6.2	56	6.1	61	5.5	55	5.9	53	7.3	66										
No Information Provided			2378	3926	456	19	1922	81	956	40	271	11	4.7	43	4.5	45	4.1	41	4.3	39	5.5	50										
Economically Disadvantaged			Yes	276268	3973	42488	15	233780	85	125656	45	33494	12	5.0	45	4.9	49	4.3	43	4.5	41	5.7	52									
			No	179578	4343	9647	5	169931	95	134044	75	64715	36	6.5	59	6.4	64	5.8	58	6.1	56	7.5	68									
			No Information Provided	5648	4059	901	16	4747	84	2813	50	1161	21	5.3	48	5.1	51	4.6	46	4.9	45	6.1	55									
Title I, Part A			Participants	215345	3996	32345	15	183000	85	101978	47	29274	14	5.1	46	5.0	50	4.4	44	4.6	42	5.8	53									
			Nonparticipants	237206	4229	19553	8	217653	92	155413	66	67860	29	6.0	55	5.9	59	5.3	53	5.6	51	6.9	63									
			No Information Provided	8943	4144	1138	13	7805	87	5122	57	2236	25	5.6	51	5.6	56	5.0	50	5.2	47	6.5	59									
Migrant			Yes	1435	3804	360	25	1075	75	411	29	67	5	4.2	38	4.1	41	3.6	36	3.7	34	4.7	43									
			No	438539	4120	49799	11	388740	89	250222	57	94718	22	5.6	51	5.5	55	4.9	49	5.1	47	6.4	58									
			No Information Provided	21520	4098	2877	13	18643	87	11880	55	4585	21	5.5	50	5.4	54	4.8	48	5.0	46	6.3	57									
Identified as Emergent Bilingual/English Learner			104796	3828	24657	24	80139	76	32700	31	6264	6	4.4	40	4.3	43	3.7	37	3.8	35	4.7	43										
Monitored 1st Year, reclassified from EB/EL			1053	4405	19	2	1034	98	897	85	398	38	6.9	63	6.8	68	6.0	60	6.5	59	7.9	72										
Monitored 2nd Year, reclassified from EB/EL			1097	4310	31	3	1066	97	866	79	312	28	6.4	59	6.4	64	5.6	56	6.1	55	7.5	68										
Monitored 3rd Year, reclassified from EB/EL			4535	4299	94	2	4441	98	3539	78	1289	28	6.4	58	6.4	64	5.6	56	5.9	54	7.4	68										
Monitored 4th Year, reclassified from EB/EL			6434	4304	145	2	6289	98	4945	77	1886	29	6.4	58	6.4	64	5.6	56	5.9	54	7.5	68										
Former EB/EL (Post Monitoring)			20356	4388	582	3	19774	97	16188	80	7532	37	6.7	61	6.7	67	5.9	59	6.3	57	7.7	70										
Non-Emergent Bilingual/Non-English Learner			313268	4188	26397	8	286871	92	197309	63	79032	25	5.8	53	5.7	57	5.1	51	5.4	49	6.8	62										
No Information Provided			9955	4175	1111	11	8844	89	6069	61	2657	27	5.8	52	5.7	57	5.2	52	5.4	49	6.7	61										
Bilingual			Participants	1437	4186	114	8	1323	92	897	62	353	25	6.0	55	5.9	59	5.1	51	5.3	49	6.6	60									
			Nonparticipants	450900	4119	51538	11	399362	89	256735	57	96916	21	5.6	51	5.5	55	4.8	48	5.1	47	6.4	58									
			No Information Provided	9157	4099	1384	15	7773	85	4881	53	2101	23	5.5	50	5.3	53	4.8	48	5.0	46	6.2	57									
ESL			Participants	83935	3824	20176	24	63759	76	25969	31	5028	6	4.4	40	4.3	43	3.7	37	3.8	35	4.7	43									
			Nonparticipants	364653	4183	31414	9	333239	91	228568	63	90612	25	5.8	53	5.7	57	5.1	51	5.4	49	6.8	62									
			No Information Provided	12906	4202	1446	11	11460	89	7976	62	3730	29	5.8	53	5.8	58	5.2	52	5.5	50	6.8	62									
Special Education			Yes	46019	3745	13579	30	32440	70	10154	22	2046	4	4.0	37	3.7	37	3.4	34	3.4	31	4.4	40									
			No	405151	4162	38089	9	367062	91	246700	61	95315	24	5.8	52	5.7	57	5.0	50	5.3	48	6.6	60									
			No Information Provided	10324	4077	1368	13	8956	87	5659	55	2009	19	5.4	49	5.3	53	4.8	48	5.0	46	6.2	57									
Section 504			Yes	48655	4053	5699	12	42956	88	25227	52	8074	17	5.3	48	5.1	51	4.6	46	4.8	44	6.2	57									
			No	398331	4126	45455	11	352876	89	228988	57	87844	22	5.6	51	5.5	55	4.9	49	5.2	47	6.4	58									
			No Information Provided	14508	4129	1882	13	12626	87	8298	57	3452	24	5.6	51	5.5	55	4.9	49	5.2	47	6.4	58									
Gifted/Talented			Participants	43516	4725	257	1	43259	99	40944	94	28480	65	8.0	72	7.9	79	7.2	72	7.7	70	9.0	82									
			Nonparticipants	397384	4055	50072	13	347312	87	210619	53	67315	17	5.3	48	5.2	52	4.6	46	4.9	44	6.1	56									
			No Information Provided	20594	4055	2707	13	17887	87	10950	53	3575	17	5.3	48	5.2	52	4.6	46	4.9	44	6.1	56									
At-Risk			Yes	268296	3888	47740	18	220556	82	100985	38	18305	7	4.6	42	4.4	44	3.9	39	4.1	37	5.3	48									
			No	183322	4447	4420	2	178902	98	154770	84	77754	42	7.0	63	6.9	69	6.2	62	6.6	60	8.0	73									
			No Information Provided	9876	4275	876	9	9000	91	6758	68	3311	34	6.2	57	6.1	61	5.5	55	5.8	53	7.1	64									



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

Report Date: SPRING 2023
Date of Testing: SPRING 2023

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											Number of Points Possible										
												11		10		10		11		11		
Legend			Number of Points Achieved																			
--- = No Data Reported For Fewer Than Five Students			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students			422421	4171	35215	8	387206	92	261594	62	99350	24	5.8	53	5.7	57	5.0	50	5.4	49	6.7	61
Male			215060	4171	20255	9	194805	91	132197	61	52318	24	5.8	53	5.6	56	5.1	51	5.4	49	6.7	61
Female			205989	4172	14783	7	191206	93	128704	62	46827	23	5.8	53	5.9	59	5.0	50	5.3	48	6.7	61
No Information Provided			1372	4037	177	13	1195	87	693	51	205	15	5.2	47	5.1	51	4.4	44	4.8	44	6.2	56
Hispanic/Latino			223658	4063	23649	11	200009	89	121605	54	35393	16	5.4	49	5.3	53	4.6	46	4.9	44	6.2	56
American Indian or Alaska Native			1265	4162	95	8	1170	92	796	63	295	23	5.7	52	5.7	57	5.0	50	5.3	48	6.8	61
Asian			21473	4701	495	2	20978	98	19184	89	13562	63	7.9	72	7.8	78	7.1	71	7.5	68	8.6	78
Black or African American			53637	4005	6555	12	47082	88	25832	48	6859	13	5.1	47	5.0	50	4.3	43	4.6	42	5.9	54
Native Hawaiian or Other Pacific Islander			646	4155	57	9	589	91	411	64	147	23	5.7	52	5.8	58	5.1	51	5.3	48	6.6	60
White			107953	4361	3482	3	104471	97	84298	78	39001	36	6.6	60	6.5	65	5.8	58	6.3	57	7.7	70
Two or More Races			11690	4310	558	5	11132	95	8519	73	3822	33	6.3	58	6.2	62	5.6	56	6.0	55	7.4	67
No Information Provided			2099	3981	324	15	1775	85	949	45	271	13	5.0	45	4.8	48	4.3	43	4.6	42	5.8	53
Economically Disadvantaged	Yes	244827	4028	27987	11	216840	89	124967	51	33486	14	5.2	48	5.1	51	4.5	45	4.7	43	6.0	55	
	No	172530	4375	6599	4	165931	96	133832	78	64703	38	6.6	60	6.6	66	5.9	59	6.3	57	7.7	70	
	No Information Provided	5064	4118	629	12	4435	88	2795	55	1161	23	5.5	50	5.4	54	4.8	48	5.2	47	6.4	58	
Title I, Part A	Participants	190787	4054	20858	11	169929	89	101427	53	29264	15	5.3	49	5.2	52	4.6	46	4.8	44	6.2	56	
	Nonparticipants	223340	4271	13508	6	209832	94	155062	69	67850	30	6.2	56	6.1	61	5.4	54	5.8	53	7.2	65	
	No Information Provided	8294	4192	849	10	7445	90	5105	62	2236	27	5.9	53	5.8	58	5.2	52	5.4	49	6.7	61	
Migrant	Yes	1154	3868	220	19	934	81	408	35	67	6	4.5	41	4.5	45	3.8	38	4.0	36	5.1	46	
	No	401627	4173	33036	8	368591	92	249343	62	94699	24	5.8	53	5.7	57	5.0	50	5.4	49	6.7	61	
	No Information Provided	19640	4153	1959	10	17681	90	11843	60	4584	23	5.7	52	5.6	56	5.0	50	5.3	48	6.6	60	
Identified as Emergent Bilingual/English Learner			86432	3890	15627	18	70805	82	32342	37	6258	7	4.7	43	4.6	46	3.9	39	4.1	37	5.1	46
Monitored 1st Year, reclassified from EB/EL			1042	4413	13	1	1029	99	896	86	397	38	6.9	63	6.9	69	6.0	60	6.5	59	7.9	72
Monitored 2nd Year, reclassified from EB/EL			1082	4320	24	2	1058	98	865	80	312	29	6.5	59	6.5	65	5.6	56	6.1	56	7.5	68
Monitored 3rd Year, reclassified from EB/EL			4463	4310	70	2	4393	98	3535	79	1289	29	6.5	59	6.5	65	5.6	56	6.0	54	7.5	68
Monitored 4th Year, reclassified from EB/EL			6328	4315	117	2	6211	98	4937	78	1886	30	6.5	59	6.5	65	5.6	56	6.0	54	7.5	68
Former EB/EL (Post Monitoring)			19687	4415	332	2	19355	98	16160	82	7531	38	6.8	62	6.8	68	6.0	60	6.4	58	7.9	72
Non-Emergent Bilingual/Non-English Learner			294237	4229	18282	6	275955	94	196813	67	79021	27	6.0	55	5.9	59	5.3	53	5.6	51	7.1	64
No Information Provided			9150	4230	750	8	8400	92	6046	66	2656	29	6.0	55	5.9	59	5.4	54	5.6	51	7.0	64
Bilingual	Participants	1384	4210	89	6	1295	94	896	65	353	26	6.1	56	6.0	60	5.2	52	5.4	49	6.7	61	
	Nonparticipants	412835	4171	34209	8	378626	92	255836	62	96896	23	5.8	53	5.7	57	5.0	50	5.4	49	6.7	61	
	No Information Provided	8202	4166	917	11	7285	89	4862	59	2101	26	5.8	52	5.6	56	5.1	51	5.3	48	6.6	60	
ESL	Participants	68749	3888	12691	18	56058	82	25657	37	5023	7	4.7	43	4.6	46	3.9	39	4.1	37	5.1	46	
	Nonparticipants	341604	4226	21468	6	320136	94	227982	67	90597	27	6.0	55	5.9	59	5.3	53	5.6	51	7.0	64	
	No Information Provided	12068	4248	1056	9	11012	91	7955	66	3730	31	6.0	55	6.1	61	5.4	54	5.7	52	7.0	64	
Special Education	Yes	40402	3780	10486	26	29916	74	10082	25	2046	5	4.2	38	3.9	39	3.5	35	3.6	33	4.6	42	
	No	372878	4214	23923	6	348955	94	245879	66	95296	26	6.0	54	5.9	59	5.2	52	5.6	50	6.9	63	
	No Information Provided	9141	4147	806	9	8335	91	5633	62	2008	22	5.7	52	5.6	56	5.0	50	5.3	48	6.6	60	
Section 504	Yes	43467	4111	3488	8	39979	92	25108	58	8071	19	5.5	50	5.4	54	4.8	48	5.1	46	6.6	60	
	No	365777	4178	30482	8	335295	92	228218	62	87828	24	5.8	53	5.8	58	5.1	51	5.4	49	6.7	61	
	No Information Provided	13177	4189	1245	9	11932	91	8268	63	3451	26	5.9	53	5.8	58	5.2	52	5.5	50	6.7	61	
Gifted/Talented	Participants	43325	4729	194	0	43131	100	40930	94	28480	66	8.0	73	7.9	79	7.3	73	7.7	70	9.0	82	
	Nonparticipants	360404	4107	33203	9	327201	91	209757	58	67296	19	5.6	51	5.5	55	4.8	48	5.1	46	6.4	59	
	No Information Provided	18692	4108	1818	10	16874	90	10907	58	3574	19	5.5	50	5.4	54	4.8	48	5.1	47	6.4	59	
At-Risk	Yes	232110	3941	31096	13	201014	87	100173	43	18289	8	4.9	44	4.7	47	4.1	41	4.3	39	5.6	51	
	No	181026	4458	3474	2	177552	98	154682	85	77750	43	7.0	64	7.0	70	6.2	62	6.7	60	8.1	73	
	No Information Provided	9285	4320	645	7	8640	93	6739	73	3311	36	6.4	58	6.3	63	5.7	57	6.0	55	7.3	66	



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

Retested Students

Report Date: SPRING 2023
Date of Testing: SPRING 2023

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			39073	88																				
Students Not Tested																								
Absent			3664	8																				
Other			1550	3																				
Total Documents Submitted			44287	100																				
Legend																								
--- = No Data Reported For Fewer Than Five Students																								
			#		#		#		#		#		#		#		#		#		#			
			%		%		%		%		%		%		%		%		%		%			
All Students			39073	3547	17821	46	21252	54	919	2	20	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29		
Male			22225	3541	10438	47	11787	53	534	2	12	0	3.0	27	2.7	27	2.8	28	2.6	24	3.2	29		
Female			16724	3556	7330	44	9394	56	383	2	8	0	3.0	28	2.9	29	2.7	27	2.6	24	3.2	29		
No Information Provided			124	3539	53	43	71	57	2	2	0	0	2.9	27	2.8	28	2.7	27	2.7	24	3.3	30		
Hispanic/Latino			27146	3548	12454	46	14692	54	608	2	11	0	3.0	27	2.8	28	2.7	27	2.6	24	3.2	29		
American Indian or Alaska Native			112	3565	51	46	61	54	3	3	0	0	3.1	28	2.5	25	2.8	28	2.7	25	3.4	31		
Asian			508	3559	253	50	255	50	29	6	2	0	3.2	29	3.1	31	2.8	28	2.6	24	2.9	26		
Black or African American			7656	3535	3636	47	4020	53	145	2	6	0	3.0	27	2.7	27	2.8	28	2.5	23	3.2	29		
Native Hawaiian or Other Pacific Islander			57	3561	25	44	32	56	1	2	0	0	2.9	26	3.2	32	2.7	27	2.5	23	3.3	30		
White			2840	3577	1085	38	1755	62	113	4	1	0	3.0	28	2.8	28	2.9	29	2.8	25	3.6	33		
Two or More Races			475	3565	185	39	290	61	13	3	0	0	3.0	28	2.6	26	2.9	29	2.7	25	3.6	32		
No Information Provided			279	3508	132	47	147	53	7	3	0	0	3.0	27	2.6	26	2.8	28	2.5	23	3.2	29		
Economically Disadvantaged			Yes	31441	3545	14501	46	16940	54	689	2	8	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No	7048	3558	3048	43	4000	57	212	3	12	0	3.0	28	2.8	28	2.8	28	2.7	24	3.3	30	
			No Information Provided	584	3543	272	47	312	53	18	3	0	3.0	27	2.7	27	2.8	28	2.6	24	3.2	29		
Title I, Part A			Participants	24558	3544	11487	47	13071	53	551	2	10	0	3.0	27	2.8	28	2.7	27	2.6	24	3.1	28	
			Nonparticipants	13866	3555	6045	44	7821	56	351	3	10	0	3.0	27	2.8	28	2.8	28	2.6	24	3.3	30	
			No Information Provided	649	3529	289	45	360	55	17	3	0	2.9	27	2.8	28	2.8	28	2.6	23	3.2	29		
Migrant			Yes	281	3538	140	50	141	50	3	1	0	3.1	28	2.8	28	2.6	26	2.6	24	3.0	27		
			No	36912	3548	16763	45	20149	55	879	2	19	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No Information Provided	1880	3528	918	49	962	51	37	2	1	0	2.9	27	2.7	27	2.7	27	2.6	23	3.1	29	
Identified as Emergent Bilingual/English Learner			18364	3534	9030	49	9334	51	358	2	6	0	3.0	27	2.8	28	2.7	27	2.6	24	2.9	26		
Monitored 1st Year, reclassified from EB/EL			11	3645	6	55	5	45	1	9	1	9	0	2.6	24	2.7	27	3.5	35	3.9	36	3.5	32	
Monitored 2nd Year, reclassified from EB/EL			15	3574	7	47	8	53	1	7	0	0	3.7	33	2.8	28	2.1	21	2.7	24	3.7	33		
Monitored 3rd Year, reclassified from EB/EL			72	3616	24	33	48	67	4	6	0	0	3.3	30	2.9	29	2.7	27	3.0	27	3.8	35		
Monitored 4th Year, reclassified from EB/EL			106	3658	28	26	78	74	8	8	0	0	3.3	30	3.3	33	3.0	30	3.1	28	4.0	36		
Former EB/EL (Post Monitoring)			669	3591	250	37	419	63	28	4	1	0	3.1	28	2.8	28	2.8	28	2.7	25	3.8	35		
Non-Emergent Bilingual/Non-English Learner			19031	3558	8115	43	10916	57	496	3	11	0	3.0	27	2.7	27	2.8	28	2.6	24	3.4	31		
No Information Provided			805	3539	361	45	444	55	23	3	1	0	3.0	27	2.6	26	2.8	28	2.6	24	3.4	31		
Bilingual			Participants	53	3561	25	47	28	53	1	2	0	3.2	30	3.0	30	2.4	24	2.8	25	3.1	28		
			Nonparticipants	38065	3548	17329	46	20736	54	899	2	20	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No Information Provided	955	3517	467	49	488	51	19	2	0	2.9	26	2.6	26	2.8	28	2.5	23	3.2	29		
ESL			Participants	15186	3534	7485	49	7701	51	312	2	5	0	3.0	27	2.8	28	2.7	27	2.6	24	2.9	26	
			Nonparticipants	23049	3557	9946	43	13103	57	586	3	15	0	3.0	27	2.7	27	2.8	28	2.6	24	3.4	31	
			No Information Provided	838	3533	390	47	448	53	21	3	0	2.9	26	2.7	27	2.8	28	2.6	24	3.3	30		
Special Education			Yes	5617	3496	3093	55	2524	45	72	1	0	2.9	26	2.5	25	2.7	27	2.4	22	2.9	26		
			No	32273	3557	14166	44	18107	56	821	3	19	0	3.0	28	2.8	28	2.8	28	2.6	24	3.3	30	
			No Information Provided	1183	3532	562	48	621	52	26	2	1	0	2.9	26	2.6	26	2.8	28	2.6	24	3.2	29	
Section 504			Yes	5188	3564	2211	43	2977	57	119	2	3	0	3.0	28	2.7	27	2.9	29	2.6	24	3.4	31	
			No	32554	3546	14973	46	17581	54	770	2	16	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No Information Provided	1331	3527	637	48	694	52	30	2	1	0	2.9	27	2.6	26	2.8	28	2.6	23	3.1	28	
Gifted/Talented			Participants	191	3626	63	33	128	67	14	7	0	3.2	29	3.0	30	3.0	30	3.1	28	4.0	36		
			Nonparticipants	36980	3548	16869	46	20111	54	862	2	19	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No Information Provided	1902	3534	889	47	1013	53	43	2	1	0	2.9	27	2.7	27	2.8	28	2.6	24	3.2	29	
At-Risk			Yes	36186	3545	16644	46	19542	54	812	2	16	0	3.0	27	2.8	28	2.8	28	2.6	24	3.2	29	
			No	2296	3574	946	41	1350	59	88	4	4	0	3.0	28	2.8	28	2.9	29	2.7	25	3.5	32	
			No Information Provided	591	3574	231	39	360	61	19	3	0	3.1	29	2.8	28	2.9	29	2.7	24	3.3	30		