



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

All Students

Report Date: FALL 2023
Date of Testing: FALL 2023

STATEWIDE PRELIMINARY

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										
												10		11		11		10		11		
Legend			Avg. # of Points / % Achieved																			
--- = No Data Reported For Fewer Than Five Students			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students			46669	3693	17814	38	28855	62	6839	15	2029	4	3.6	36	4.1	37	4.1	37	3.1	31	4.1	38
Male			25689	3674	10484	41	15205	59	3484	14	1019	4	3.6	36	4.0	36	4.0	36	3.1	31	4.1	37
Female			20970	3717	7325	35	13645	65	3355	16	1010	5	3.7	37	4.3	39	4.2	38	3.2	32	4.2	38
No Information Provided			10	3549	5	50	5	50	0	0	0	0	3.7	37	3.8	35	2.9	26	2.8	28	2.5	23
Hispanic/Latino			29997	3686	11492	38	18505	62	4188	14	1090	4	3.6	36	4.1	37	4.0	37	3.1	31	4.1	37
American Indian or Alaska Native			124	3627	60	48	64	52	14	11	4	3	3.4	34	3.8	34	4.0	36	2.9	29	3.8	35
Asian			933	4059	238	26	695	74	418	45	229	25	5.0	50	5.8	53	5.6	51	4.6	46	5.8	53
Black or African American			7320	3622	3037	41	4283	59	554	8	111	2	3.4	34	3.9	35	3.8	35	2.8	28	3.7	34
Native Hawaiian or Other Pacific Islander			88	3648	35	40	53	60	11	13	2	2	3.3	33	4.1	38	3.9	35	3.1	31	4.0	36
White			4208	3865	1155	27	3053	73	1324	31	516	12	4.2	42	4.9	45	4.9	45	3.9	39	5.1	46
Two or More Races			711	3764	225	32	486	68	158	22	49	7	3.9	39	4.5	41	4.4	40	3.4	34	4.6	42
No Information Provided			3288	3578	1572	48	1716	52	172	5	28	1	3.3	33	3.6	33	3.5	32	2.6	26	3.5	32
Economically Disadvantaged	Yes		36186	3656	14475	40	21711	60	4085	11	880	2	3.5	35	4.0	36	3.9	36	3.0	30	3.9	36
	No		10320	3822	3289	32	7031	68	2719	26	1143	11	4.1	41	4.7	43	4.7	42	3.7	37	4.8	44
	No Information Provided		163	3765	50	31	113	69	35	21	6	4	4.0	40	4.4	40	4.5	41	3.3	33	4.7	43
Title I, Part A	Participants		29082	3689	11253	39	17829	61	4164	14	1211	4	3.6	36	4.1	37	4.0	37	3.1	31	4.1	37
	Nonparticipants		17217	3702	6411	37	10806	63	2630	15	810	5	3.7	37	4.2	38	4.2	38	3.1	31	4.2	38
	No Information Provided		370	3621	150	41	220	59	45	12	8	2	3.5	35	3.9	35	3.8	35	2.9	29	4.0	36
Migrant	Yes		283	3631	115	41	168	59	28	10	4	1	3.4	34	3.9	35	3.8	35	2.9	29	3.7	34
	No		38506	3714	14147	37	24359	63	6334	16	1962	5	3.7	37	4.2	38	4.2	38	3.2	32	4.3	39
	No Information Provided		7880	3592	3552	45	4328	55	477	6	63	1	3.3	33	3.7	33	3.6	33	2.7	27	3.6	32
Identified as Emergent Bilingual/English Learner			19651	3601	9084	46	10567	54	1274	6	192	1	3.4	34	3.7	33	3.6	33	2.7	27	3.6	33
Monitored 1st Year, reclassified from EB/EL			164	3661	75	46	89	54	21	13	9	5	3.6	36	3.8	35	3.8	35	3.2	32	4.0	36
Monitored 2nd Year, reclassified from EB/EL			64	3929	14	22	50	78	25	39	9	14	4.5	45	5.1	47	5.2	47	4.2	42	5.4	49
Monitored 3rd Year, reclassified from EB/EL			54	3799	20	37	34	63	17	31	6	11	3.8	38	4.5	41	4.7	43	3.9	39	5.1	46
Monitored 4th Year, reclassified from EB/EL			162	4071	24	15	138	85	78	48	33	20	4.9	49	5.9	54	5.7	52	4.8	48	6.2	57
Former EB/EL (Post Monitoring)			1473	4101	208	14	1265	86	777	53	324	22	4.9	49	5.9	53	6.0	54	5.1	51	6.5	59
Non-Emergent Bilingual/Non-English Learner			24056	3741	8015	33	16041	67	4484	19	1406	6	3.8	38	4.4	40	4.4	40	3.3	33	4.4	40
No Information Provided			1045	3678	374	36	671	64	163	16	50	5	3.7	37	4.1	38	4.1	38	3.1	31	4.2	38
Bilingual	Participants		82	3585	39	48	43	52	6	7	1	1	3.3	33	3.7	33	3.4	31	2.7	27	3.6	32
	Nonparticipants		40939	3705	15288	37	25651	63	6409	16	1936	5	3.7	37	4.2	38	4.1	38	3.2	32	4.2	38
	No Information Provided		5648	3607	2487	44	3161	56	424	8	92	2	3.4	34	3.7	34	3.7	34	2.8	28	3.7	33
ESL	Participants		16614	3603	7668	46	8946	54	1148	7	173	1	3.4	34	3.7	33	3.6	33	2.7	27	3.7	33
	Nonparticipants		28957	3746	9756	34	19201	66	5516	19	1806	6	3.8	38	4.4	40	4.4	40	3.4	34	4.4	40
	No Information Provided		1098	3676	390	36	708	64	175	16	50	5	3.6	36	4.1	37	4.1	37	3.2	32	4.2	38
Special Education	Yes		8118	3562	4157	51	3961	49	335	4	61	1	3.3	33	3.5	32	3.5	31	2.6	26	3.3	30
	No		37348	3724	13197	35	24151	65	6370	17	1957	5	3.7	37	4.3	39	4.2	38	3.2	32	4.3	39
	No Information Provided		1203	3631	460	38	743	62	134	11	11	1	3.5	35	3.9	35	3.9	35	2.9	29	3.9	35
Section 504	Yes		4782	3683	1738	36	3044	64	645	13	159	3	3.6	36	4.1	37	4.1	37	3.1	31	4.1	37
	No		34100	3719	12524	37	21576	63	5765	17	1821	5	3.7	37	4.2	39	4.2	38	3.2	32	4.3	39
	No Information Provided		7787	3587	3552	46	4235	54	429	6	49	1	3.3	33	3.6	33	3.6	33	2.6	26	3.5	32
Gifted/Talented	Participants		1732	4324	234	14	1498	86	1133	65	694	40	5.7	57	6.8	62	6.8	62	5.8	58	7.3	67
	Nonparticipants		43761	3670	17104	39	26657	61	5611	13	1327	3	3.6	36	4.0	37	4.0	36	3.0	30	4.0	37
	No Information Provided		1176	3615	476	40	700	60	95	8	8	1	3.5	35	3.8	34	3.8	34	2.8	28	3.7	34
At-Risk	Yes		39121	3624	16360	42	22761	58	3211	8	424	1	3.4	34	3.8	35	3.8	34	2.8	28	3.8	34
	No		7364	4058	1395	19	5969	81	3596	49	1601	22	4.9	49	5.8	53	5.7	52	4.7	47	6.1	56
	No Information Provided		184	3717	59	32	125	68	32	17	4	2	3.8	38	4.3	39	4.2	38	3.2	32	4.3	39



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

Report Date: FALL 2023
Date of Testing: FALL 2023

STATEWIDE PRELIMINARY

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			14004	88																			
Students Not Tested																							
Absent			1557	10																			
Other			322	2																			
Total Documents Submitted			15883	100																			
Legend																							
--- = No Data Reported For Fewer Than Five Students																							
			#	%	#	%	#	%	#	%	#		#		#		#		#				
All Students			14004	3997	2211	16	11793	84	6197	44	1992	14	4.6	46	5.6	51	5.5	50	4.5	45	5.9	54	
Male			7077	3988	1244	18	5833	82	3105	44	1001	14	4.6	46	5.4	49	5.4	49	4.5	45	5.9	54	
Female			6922	4008	965	14	5957	86	3092	45	991	14	4.6	46	5.7	52	5.5	50	4.5	45	5.9	54	
No Information Provided			5	3527	2	40	3	60	0	0	0	0	3.0	30	3.6	33	3.2	29	3.2	32	2.2	20	
Hispanic/Latino			9066	3969	1480	16	7586	84	3825	42	1072	12	4.5	45	5.4	49	5.3	49	4.4	44	5.8	53	
American Indian or Alaska Native			39	3847	10	26	29	74	13	33	4	10	4.0	40	5.0	45	5.0	45	3.8	38	5.3	48	
Asian			507	4484	22	4	485	96	411	81	229	45	6.4	64	7.8	71	7.4	67	6.4	64	7.9	72	
Black or African American			1539	3841	317	21	1222	79	430	28	100	6	4.1	41	5.0	46	4.8	44	3.7	37	5.0	45	
Native Hawaiian or Other Pacific Islander			22	3858	4	18	18	82	8	36	2	9	4.0	40	5.5	50	4.8	43	4.2	42	5.5	50	
White			2003	4189	178	9	1825	91	1252	63	513	26	5.3	53	6.4	59	6.4	58	5.3	53	6.8	62	
Two or More Races			292	4033	47	16	245	84	146	50	48	16	4.8	48	5.9	53	5.6	51	4.6	46	6.2	57	
No Information Provided			536	3739	153	29	383	71	112	21	24	4	3.8	38	4.4	40	4.2	38	3.4	34	4.6	41	
Economically Disadvantaged			Yes	9675	3916	1744	18	7931	82	3594	37	852	9	4.3	43	5.2	47	5.1	47	4.2	42	5.5	50
			No	4234	4186	444	10	3790	90	2570	61	1134	27	5.3	53	6.4	59	6.3	57	5.3	53	6.8	62
			No Information Provided	95	3872	23	24	72	76	33	35	6	6	4.3	43	4.8	44	5.0	45	3.8	38	5.4	49
Title I, Part A			Participants	8604	3987	1406	16	7198	84	3750	44	1184	14	4.6	46	5.5	50	5.4	49	4.5	45	5.9	54
			Nonparticipants	5210	4024	745	14	4465	86	2407	46	800	15	4.7	47	5.8	52	5.6	51	4.6	46	6.0	54
			No Information Provided	190	3743	60	32	130	68	40	21	8	4	3.9	39	4.3	39	4.2	38	3.4	34	4.6	42
Migrant			Yes	82	3865	16	20	66	80	26	32	4	5	3.9	39	5.0	46	5.2	47	4.0	40	5.1	46
			No	12505	4025	1811	14	10694	86	5832	47	1932	15	4.7	47	5.7	52	5.6	51	4.6	46	6.1	55
			No Information Provided	1417	3764	384	27	1033	73	339	24	56	4	3.9	39	4.5	41	4.5	41	3.5	35	4.7	43
Identified as Emergent Bilingual/English Learner			3991	3806	1030	26	2961	74	1067	27	176	4	4.0	40	4.7	42	4.5	41	3.7	37	4.9	45	
Monitored 1st Year, reclassified from EB/EL			31	4234	4	13	27	87	21	68	9	29	5.3	53	6.2	57	6.2	57	6.1	61	7.6	70	
Monitored 2nd Year, reclassified from EB/EL			28	4305	0	0	28	100	21	75	9	32	5.6	56	6.8	62	7.0	64	6.1	61	7.4	68	
Monitored 3rd Year, reclassified from EB/EL			23	4156	2	9	21	91	17	74	6	26	4.9	49	6.5	59	6.4	58	5.5	55	7.3	67	
Monitored 4th Year, reclassified from EB/EL			105	4299	5	5	100	95	75	71	33	31	5.7	57	7.0	63	6.6	60	6.0	60	7.6	69	
Former EB/EL (Post Monitoring)			1000	4326	40	4	960	96	756	76	324	32	5.6	56	6.9	62	6.9	63	6.1	61	7.7	70	
Non-Emergent Bilingual/Non-English Learner			8403	4049	1045	12	7358	88	4098	49	1385	16	4.8	48	5.8	53	5.7	52	4.7	47	6.2	56	
No Information Provided			423	3882	85	20	338	80	142	34	50	12	4.3	43	5.0	46	5.0	45	4.0	40	5.4	49	
Bilingual			Participants	17	3842	3	18	14	82	5	29	1	6	3.6	36	4.8	43	4.8	44	3.8	38	5.5	50
			Nonparticipants	12820	4015	1915	15	10905	85	5870	46	1904	15	4.7	47	5.6	51	5.6	50	4.6	46	6.0	55
			No Information Provided	1167	3810	293	25	874	75	322	28	87	7	4.0	40	4.7	43	4.6	42	3.7	37	5.0	45
ESL			Participants	3531	3809	917	26	2614	74	962	27	158	4	4.0	40	4.7	43	4.5	41	3.7	37	4.9	45
			Nonparticipants	10053	4068	1214	12	8839	88	5083	51	1784	18	4.8	48	5.9	54	5.8	53	4.8	48	6.3	57
			No Information Provided	420	3897	80	19	340	81	152	36	50	12	4.4	44	5.1	46	5.0	46	4.1	41	5.5	50
Special Education			Yes	1686	3717	536	32	1150	68	287	17	58	3	3.7	37	4.3	39	4.2	38	3.3	33	4.3	39
			No	11906	4045	1579	13	10327	87	5803	49	1923	16	4.8	48	5.8	53	5.7	52	4.7	47	6.2	56
			No Information Provided	412	3775	96	23	316	77	107	26	11	3	3.9	39	4.6	42	4.5	41	3.5	35	4.8	44
Section 504			Yes	1289	3979	179	14	1110	86	565	44	155	12	4.5	45	5.5	50	5.5	50	4.5	45	5.9	53
			No	11382	4028	1665	15	9717	85	5333	47	1795	16	4.7	47	5.7	52	5.6	51	4.6	46	6.1	55
			No Information Provided	1333	3750	367	28	966	72	299	22	42	3	3.9	39	4.4	40	4.4	40	3.4	34	4.6	42
Gifted/Talented			Participants	1286	4582	38	3	1248	97	1124	87	692	54	6.6	66	8.0	72	7.8	71	7.0	70	8.6	78
			Nonparticipants	12359	3943	2083	17	10276	83	4997	40	1292	10	4.4	44	5.4	49	5.3	48	4.3	43	5.7	52
			No Information Provided	359	3760	90	25	269	75	76	21	8	2	3.9	39	4.5	41	4.5	41	3.4	34	4.7	42
At-Risk			Yes	9146	3830	1944	21	7202	79	2649	29	390	4	4.0	40	4.8	44	4.8	43	3.8	38	5.1	46
			No	4752	4325	241	5	4511	95	3520	74	1598	34	5.7	57	7.0	64	6.9	63	6.0	60	7.6	69
			No Information Provided	106	3794	26	25	80	75	28	26	4	4	4.2	42	4.8	44	4.5	41	3.6	36	4.8	44



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

Retested Students

Report Date: FALL 2023

Date of Testing: FALL 2023

STATEWIDE PRELIMINARY

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												
Students Tested		32665									88	Biological Evolution and Classification						Biological Processes and Systems						Interdependence within Environmental Systems					
Students Not Tested		Absent									3679	10	Number of Points Possible																
Other	938	3	10				11				11				10				11										
Legend			Avg. # of Points / % Achieved																										
--- = No Data Reported For Fewer Than Five Students			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%							
All Students			32665	3563	15603	48	17062	52	642	2	37	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
Male			18612	3554	9240	50	9372	50	379	2	18	0	3.2	32	3.4	31	3.4	31	2.5	25	3.3	30							
Female			14048	3574	6360	45	7688	55	263	2	19	0	3.2	32	3.6	33	3.6	32	2.6	26	3.4	31							
No Information Provided			5	3571	3	60	2	40	0	0	0	0	4.4	44	4.0	36	2.6	24	2.4	24	2.8	25							
Hispanic/Latino			20931	3564	10012	48	10919	52	363	2	18	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
American Indian or Alaska Native			85	3526	50	59	35	41	1	1	0	0	3.1	31	3.2	29	3.5	32	2.4	24	3.2	29							
Asian			426	3553	216	51	210	49	7	2	0	0	3.3	33	3.5	32	3.4	31	2.4	24	3.3	30							
Black or African American			5781	3564	2720	47	3061	53	124	2	11	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
Native Hawaiian or Other Pacific Islander			66	3578	31	47	35	53	3	5	0	0	3.0	30	3.7	33	3.5	32	2.7	27	3.5	32							
White			2205	3571	977	44	1228	56	72	3	3	0	3.3	33	3.5	32	3.6	33	2.6	26	3.5	32							
Two or More Races			419	3577	178	42	241	58	12	3	1	0	3.3	33	3.6	33	3.6	33	2.6	26	3.4	31							
No Information Provided			2752	3546	1419	52	1333	48	60	2	4	0	3.2	32	3.4	31	3.4	31	2.5	25	3.3	30							
Economically Disadvantaged			Yes	26511	3561	12731	48	13780	52	491	2	28	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31						
No			6086	3568	2845	47	3241	53	149	2	9	0	3.2	32	3.5	32	3.5	32	2.6	26	3.4	31							
No Information Provided			68	3615	27	40	41	60	2	3	0	0	3.5	35	3.7	34	3.8	34	2.6	26	3.7	33							
Title I, Part A			Participants	20478	3564	9847	48	10631	52	414	2	27	0	3.3	33	3.5	32	3.5	32	2.5	25	3.4	31						
Nonparticipants			12007	3562	5666	47	6341	53	223	2	10	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
No Information Provided			180	3491	90	50	90	50	5	3	0	0	3.1	31	3.5	31	3.3	30	2.5	25	3.3	30							
Migrant			Yes	201	3535	99	49	102	51	2	1	0	3.2	32	3.4	31	3.3	30	2.5	25	3.2	29							
No			26001	3565	12336	47	13665	53	502	2	30	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
No Information Provided			6463	3554	3168	49	3295	51	138	2	7	0	3.2	32	3.5	32	3.5	31	2.5	25	3.3	30							
Identified as Emergent Bilingual/English Learner			15660	3548	8054	51	7606	49	207	1	16	0	3.2	32	3.4	31	3.3	30	2.5	25	3.3	30							
Monitored 1st Year, reclassified from EB/EL			133	3528	71	53	62	47	0	0	0	0	3.2	32	3.2	29	3.3	30	2.6	26	3.1	28							
Monitored 2nd Year, reclassified from EB/EL			36	3637	14	39	22	61	4	11	0	0	3.6	36	3.8	35	3.8	34	2.7	27	3.8	35							
Monitored 3rd Year, reclassified from EB/EL			31	3535	18	58	13	42	0	0	0	0	2.9	29	3.0	27	3.5	31	2.7	27	3.5	31							
Monitored 4th Year, reclassified from EB/EL			57	3651	19	33	38	67	3	5	0	0	3.5	35	4.1	37	4.1	37	2.7	27	3.7	34							
Former EB/EL (Post Monitoring)			473	3627	168	36	305	64	21	4	0	0	3.2	32	3.8	34	3.9	35	2.8	28	3.8	35							
Non-Emergent Bilingual/Non-English Learner			15653	3576	6970	45	8683	55	386	2	21	0	3.2	32	3.6	33	3.6	33	2.6	26	3.4	31							
No Information Provided			622	3540	289	46	333	54	21	3	0	0	3.2	32	3.5	32	3.6	32	2.5	25	3.5	31							
Bilingual			Participants	65	3518	36	55	29	45	1	2	0	3.2	32	3.4	31	3.1	28	2.4	24	3.0	28							
Nonparticipants			28119	3564	13373	48	14746	52	539	2	32	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
No Information Provided			4481	3554	2194	49	2287	51	102	2	5	0	3.2	32	3.5	32	3.5	32	2.5	25	3.3	30							
ESL			Participants	13083	3548	6751	52	6332	48	186	1	15	0	3.2	32	3.4	31	3.3	30	2.5	25	3.3	30						
Nonparticipants			18904	3574	8542	45	10362	55	433	2	22	0	3.2	32	3.6	32	3.6	33	2.6	26	3.4	31							
No Information Provided			678	3539	310	46	368	54	23	3	0	0	3.2	32	3.5	32	3.6	32	2.6	26	3.4	31							
Special Education			Yes	6432	3521	3621	56	2811	44	48	1	3	0	3.1	31	3.3	30	3.3	30	2.4	24	3.1	28						
No			25442	3574	11618	46	13824	54	567	2	34	0	3.3	33	3.5	32	3.6	32	2.6	26	3.4	31							
No Information Provided			791	3556	364	46	427	54	27	3	0	0	3.3	33	3.5	32	3.5	32	2.6	26	3.4	31							
Section 504			Yes	3493	3573	1559	45	1934	55	80	2	4	0	3.2	32	3.6	32	3.6	32	2.6	26	3.4	31						
No			22718	3564	10859	48	11859	52	432	2	26	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
No Information Provided			6454	3553	3185	49	3269	51	130	2	7	0	3.2	32	3.5	32	3.5	32	2.5	25	3.3	30							
Gifted/Talented			Participants	446	3580	196	44	250	56	9	2	2	0	3.2	32	3.5	32	3.7	34	2.5	25	3.6	33						
Nonparticipants			31402	3563	15021	48	16381	52	614	2	35	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31							
No Information Provided			817	3551	386	47	431	53	19	2	0	0	3.3	33	3.5	32	3.5	31	2.6	26	3.3	30							
At-Risk			Yes	29975	3562	14416	48	15559	52	562	2	34	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31						
No			2612	3574	1154	44	1458	56	76	3	3	0	3.3	33	3.6	32	3.6	33	2.6	26	3.5	32							
No Information Provided			78	3611	33	42	45	58	4	5	0	0	3.4	34	3.6	33	3.7	33	2.8	28	3.7	34							