



# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

## Summary Report

### Biology

#### All Students

Report Date: SUMMER 2023  
Date of Testing: SUMMER 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										
												10		11		11		11		10		
Legend			Number of Points Achieved																			
-- = No Data Reported For Fewer Than Five Students			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>All Students</b>			17892	3593	7708	43	10184	57	1022	6	153	1	3.1	31	3.3	30	3.6	33	3.5	32	3.5	35
<b>Male</b>			9980	3574	4576	46	5404	54	490	5	63	1	3.0	30	3.2	29	3.5	32	3.5	32	3.5	35
<b>Female</b>			7791	3616	3088	40	4703	60	525	7	89	1	3.3	33	3.4	31	3.8	34	3.6	32	3.6	36
<b>No Information Provided</b>			121	3596	44	36	77	64	7	6	1	1	3.1	31	3.4	31	3.9	36	3.4	31	3.5	35
<b>Hispanic/Latino</b>			12247	3579	5460	45	6787	55	537	4	46	0	3.1	31	3.2	29	3.6	33	3.5	31	3.4	34
<b>American Indian or Alaska Native</b>			44	3688	18	41	26	59	6	14	1	2	3.6	36	3.6	33	4.5	41	3.8	34	3.9	39
<b>Asian</b>			253	3624	116	46	137	54	21	8	9	4	3.3	33	3.6	33	3.6	33	3.6	33	3.6	36
<b>Black or African American</b>			3312	3569	1454	44	1858	56	137	4	6	0	3.0	30	3.3	30	3.5	32	3.4	31	3.5	35
<b>Native Hawaiian or Other Pacific Islander</b>			27	3602	10	37	17	63	2	7	0	0	3.2	32	3.4	31	3.7	34	3.4	31	3.5	35
<b>White</b>			1533	3736	463	30	1070	70	282	18	83	5	3.7	37	3.9	35	4.4	40	4.2	38	4.3	43
<b>Two or More Races</b>			230	3680	85	37	145	63	28	12	6	3	3.3	33	3.8	34	4.3	39	3.9	35	3.8	38
<b>No Information Provided</b>			246	3571	102	41	144	59	9	4	2	1	3.0	30	3.3	30	3.6	33	3.5	32	3.5	35
<b>Economically Disadvantaged</b>	Yes		14310	3574	6379	45	7931	55	613	4	44	0	3.1	31	3.2	29	3.5	32	3.4	31	3.4	34
	No		3211	3674	1175	37	2036	63	387	12	106	3	3.4	34	3.6	33	4.1	37	3.9	36	3.9	39
	No Information Provided		371	3596	154	42	217	58	22	6	3	1	3.1	31	3.3	30	3.7	33	3.6	33	3.6	36
<b>Title I, Part A</b>	Participants		11683	3578	5213	45	6470	55	514	4	46	0	3.1	31	3.2	29	3.6	32	3.4	31	3.5	35
	Nonparticipants		5745	3625	2297	40	3448	60	478	8	101	2	3.3	33	3.4	31	3.8	35	3.7	33	3.7	37
	No Information Provided		464	3563	198	43	266	57	30	6	6	1	3.1	31	3.3	30	3.6	33	3.6	33	3.5	35
<b>Migrant</b>	Yes		116	3527	61	53	55	47	6	5	0	0	2.8	28	2.9	26	3.4	31	3.3	30	3.3	33
	No		16797	3594	7204	43	9593	57	957	6	145	1	3.1	31	3.3	30	3.6	33	3.5	32	3.5	35
	No Information Provided		979	3569	443	45	536	55	59	6	8	1	3.0	30	3.2	29	3.6	33	3.6	32	3.5	35
<b>Identified as Emergent Bilingual/English Learner</b>			8142	3548	4020	49	4122	51	198	2	9	0	3.0	30	3.1	28	3.4	31	3.3	30	3.3	33
<b>Monitored 1st Year, reclassified from EB/EL</b>			7	3675	3	43	4	57	1	14	0	0	3.7	37	3.4	31	3.9	35	3.4	31	4.6	46
<b>Monitored 2nd Year, reclassified from EB/EL</b>			12	3776	2	17	10	83	2	17	0	0	4.5	45	3.8	34	4.3	39	4.3	39	4.5	45
<b>Monitored 3rd Year, reclassified from EB/EL</b>			35	3724	8	23	27	77	6	17	1	3	3.7	37	3.3	30	4.7	42	4.5	41	3.9	39
<b>Monitored 4th Year, reclassified from EB/EL</b>			51	3696	12	24	39	76	9	18	0	0	3.6	36	3.5	32	4.2	38	3.9	35	4.3	43
<b>Former EB/EL (Post Monitoring)</b>			209	3702	65	31	144	69	29	14	4	2	3.7	37	3.7	33	4.4	40	3.9	36	3.9	39
<b>Non-Emergent Bilingual/Non-English Learner</b>			9097	3630	3463	38	5634	62	750	8	135	1	3.3	33	3.5	32	3.9	35	3.7	33	3.7	37
<b>No Information Provided</b>			339	3566	135	40	204	60	27	8	4	1	3.0	30	3.4	31	3.6	33	3.8	34	3.6	36
<b>Bilingual</b>	Participants		32	3668	9	28	23	72	5	16	1	3	3.3	33	3.8	34	4.1	37	3.8	34	3.9	39
	Nonparticipants		17367	3593	7487	43	9880	57	982	6	148	1	3.1	31	3.3	30	3.6	33	3.5	32	3.5	35
	No Information Provided		493	3562	212	43	281	57	35	7	4	1	3.0	30	3.3	30	3.5	32	3.7	33	3.5	35
<b>ESL</b>	Participants		6481	3546	3202	49	3279	51	149	2	6	0	2.9	29	3.1	28	3.4	31	3.3	30	3.3	33
	Nonparticipants		10934	3620	4311	39	6623	61	819	7	137	1	3.2	32	3.4	31	3.8	35	3.6	33	3.7	37
	No Information Provided		477	3605	195	41	282	59	54	11	10	2	3.1	31	3.5	31	3.8	34	3.8	35	3.7	37
<b>Special Education</b>	Yes		3676	3537	1849	50	1827	50	70	2	2	0	2.9	29	3.1	28	3.3	30	3.3	30	3.3	33
	No		13646	3608	5629	41	8017	59	914	7	145	1	3.2	32	3.4	31	3.7	34	3.6	32	3.6	36
	No Information Provided		570	3590	230	40	340	60	38	7	6	1	3.1	31	3.3	30	3.7	34	3.7	34	3.6	36
<b>Section 504</b>	Yes		2179	3627	831	38	1348	62	174	8	29	1	3.2	32	3.5	31	3.8	35	3.7	33	3.7	37
	No		15055	3589	6599	44	8456	56	812	5	119	1	3.1	31	3.3	30	3.6	33	3.5	32	3.5	35
	No Information Provided		658	3566	278	42	380	58	36	5	5	1	3.0	30	3.2	29	3.6	33	3.6	33	3.5	35
<b>Gifted/Talented</b>	Participants		164	4017	34	21	130	79	72	44	36	22	5.0	50	5.0	46	5.7	52	5.2	48	5.5	55
	Nonparticipants		16745	3590	7255	43	9490	57	894	5	110	1	3.1	31	3.3	30	3.6	33	3.5	32	3.5	35
	No Information Provided		983	3566	419	43	564	57	56	6	7	1	3.0	30	3.2	29	3.6	33	3.5	32	3.4	34
<b>At-Risk</b>	Yes		15675	3572	7005	45	8670	55	603	4	37	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No		1859	3758	556	30	1303	70	392	21	112	6	3.9	39	4.0	36	4.5	41	4.2	38	4.3	43
	No Information Provided		358	3616	147	41	211	59	27	8	4	1	3.2	32	3.3	30	3.8	35	3.7	33	3.7	37



# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

## Summary Report

### Biology

#### First-Time Tested Students

Report Date: SUMMER 2023  
Date of Testing: SUMMER 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	Number of Points Possible							
																		10	11	11	11	10		
Legend		Number of Points Achieved																						
--- = No Data Reported For Fewer Than Five Students		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
<b>All Students</b>		1356	93	3932	252	19	1104	81	570	42	141	10	4.7	47	4.6	42	5.5	50	5.0	46	5.2	52		
<b>Male</b>		625		3898	138	22	487	78	238	38	56	9	4.5	45	4.4	40	5.3	48	4.9	45	5.1	51		
<b>Female</b>		714		3969	108	15	606	85	329	46	84	12	4.8	48	4.8	44	5.7	52	5.2	47	5.4	54		
<b>No Information Provided</b>		17		3649	6	35	11	65	3	18	1	6	2.9	29	3.4	30	5.2	48	3.8	35	4.4	44		
<b>Hispanic/Latino</b>		721		3844	165	23	556	77	245	34	38	5	4.3	43	4.1	38	5.1	46	4.6	42	4.8	48		
<b>American Indian or Alaska Native</b>		6		4132	0	0	6	100	4	67	1	17	4.5	45	6.3	58	7.7	70	5.3	48	6.2	62		
<b>Asian</b>		29		4134	8	28	21	72	15	52	8	28	5.2	52	5.4	50	6.0	54	6.0	55	5.8	58		
<b>Black or African American</b>		204		3805	39	19	165	81	61	30	4	2	4.1	41	4.2	38	4.8	44	4.7	42	4.6	46		
<b>Native Hawaiian or Other Pacific Islander</b>		0		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
<b>White</b>		334		4165	32	10	302	90	217	65	82	25	5.6	56	5.7	52	6.7	61	6.0	55	6.3	63		
<b>Two or More Races</b>		38		4122	2	5	36	95	23	61	6	16	5.4	54	5.8	53	6.5	59	5.5	50	6.2	62		
<b>No Information Provided</b>		24		3838	6	25	18	75	5	21	2	8	3.7	37	4.0	37	5.5	50	4.4	40	5.1	51		
<b>Economically Disadvantaged</b>	Yes	838		3817	197	24	641	76	269	32	33	4	4.2	42	4.1	37	4.9	45	4.5	41	4.7	47		
	No	465		4152	41	9	424	91	285	61	105	23	5.5	55	5.6	51	6.6	60	6.0	54	6.2	62		
	No Information Provided	53		3830	14	26	39	74	16	30	3	6	4.0	40	3.9	36	5.3	48	4.6	42	4.8	48		
<b>Title I, Part A</b>	Participants	650		3841	150	23	500	77	218	34	36	6	4.4	44	4.2	38	5.0	45	4.6	42	4.8	48		
	Nonparticipants	646		4034	86	13	560	87	334	52	99	15	5.0	50	5.1	46	6.1	55	5.5	50	5.7	57		
	No Information Provided	60		3820	16	27	44	73	18	30	6	10	4.1	41	4.1	37	5.1	46	4.7	43	4.7	47		
<b>Migrant</b>	Yes	9		3781	3	33	6	67	4	44	0	0	4.2	42	2.8	25	5.2	47	4.7	42	4.8	48		
	No	1245		3941	225	18	1020	82	532	63	133	11	4.7	47	4.7	42	5.5	50	5.1	46	5.2	52		
	No Information Provided	102		3846	24	24	78	76	34	33	8	8	4.1	41	4.1	37	5.2	47	4.8	44	5.0	50		
<b>Identified as Emergent Bilingual/English Learner</b>		274		3680	97	35	177	65	45	16	1	0	3.6	36	3.5	32	4.1	37	4.0	37	4.1	41		
<b>Monitored 1st Year, reclassified from EB/EL</b>		0		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
<b>Monitored 2nd Year, reclassified from EB/EL</b>		3		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
<b>Monitored 3rd Year, reclassified from EB/EL</b>		5		4039	1	20	4	80	3	60	1	20	4.8	48	4.2	38	6.6	60	5.8	53	6.0	60		
<b>Monitored 4th Year, reclassified from EB/EL</b>		10		3995	1	10	9	90	6	60	0	0	5.1	51	4.2	38	6.1	55	5.0	45	6.3	63		
<b>Former EB/EL (Post Monitoring)</b>		31		4115	3	10	28	90	19	61	4	13	5.8	58	5.6	51	6.7	61	5.4	49	5.8	58		
<b>Non-Emergent Bilingual/Non-English Learner</b>		975		4005	134	14	841	86	480	49	131	13	5.0	50	5.0	45	5.9	54	5.3	48	5.5	55		
<b>No Information Provided</b>		58		3772	16	28	42	72	15	26	4	7	3.8	38	3.8	34	4.8	44	4.6	42	4.6	46		
<b>Bilingual</b>	Participants	3		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
	Nonparticipants	1286		3940	232	18	1054	82	550	43	136	11	4.7	47	4.6	42	5.5	50	5.1	46	5.2	52		
	No Information Provided	67		3778	20	30	47	70	18	27	4	6	3.8	38	3.9	36	4.9	44	4.5	41	4.7	47		
<b>ESL</b>	Participants	224		3667	83	37	141	63	33	15	1	0	3.5	35	3.4	31	4.0	37	3.9	36	4.0	40		
	Nonparticipants	1042		3990	149	14	893	86	498	48	130	12	4.9	49	4.9	44	5.8	53	5.3	48	5.5	55		
	No Information Provided	90		3922	20	22	70	78	39	43	10	11	4.5	45	4.5	41	5.5	50	5.0	45	5.3	53		
<b>Special Education</b>	Yes	141		3676	55	39	86	61	26	18	1	1	3.3	33	3.6	33	4.2	38	3.9	35	4.1	41		
	No	1147		3967	182	16	965	84	520	45	134	12	4.8	48	4.8	43	5.7	52	5.2	47	5.4	54		
	No Information Provided	68		3872	15	22	53	78	24	35	6	9	4.4	44	4.1	37	5.3	48	4.9	45	5.1	51		
<b>Section 504</b>	Yes	206		3996	28	14	178	86	101	49	29	14	4.9	49	5.0	45	6.0	55	5.2	47	5.5	55		
	No	1071		3931	205	19	866	81	447	42	107	10	4.7	47	4.6	42	5.4	50	5.0	46	5.2	52		
	No Information Provided	79		3791	19	24	60	76	22	28	5	6	3.9	39	3.8	34	4.9	44	4.6	42	4.7	47		
<b>Gifted/Talented</b>	Participants	71		4517	0	0	71	100	63	89	35	49	7.1	71	7.1	65	8.0	73	7.2	65	7.7	77		
	Nonparticipants	1189		3906	229	19	960	81	475	40	99	8	4.6	46	4.5	41	5.4	49	4.9	45	5.1	51		
	No Information Provided	96		3820	23	24	73	76	32	33	7	7	4.1	41	3.9	36	5.0	46	4.8	43	4.9	49		
<b>At-Risk</b>	Yes	865		3784	215	25	650	75	235	27	28	3	4.0	40	4.0	36	4.7	43	4.4	40	4.5	45		
	No	435		4232	23	5	412	95	314	72	109	25	6.0	60	5.9	54	7.0	64	6.3	57	6.5	65		
	No Information Provided	56		3901	14	25	42	75	21	38	4	7	4.4	44	4.1	38	5.5	50	5.0	45	5.1	51		



# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

## Summary Report

### Biology

#### Retested Students

Report Date: SUMMER 2023  
Date of Testing: SUMMER 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										
												10		11		11		11		10		
Legend			Number of Points Achieved																			
-- = No Data Reported For Fewer Than Five Students			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>All Students</b>			16536	3565	7456	45	9080	55	452	3	12	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
<b>Male</b>			9355	3552	4438	47	4917	53	252	3	7	0	2.9	29	3.1	28	3.4	31	3.4	31	3.4	34
<b>Female</b>			7077	3581	2980	42	4097	58	196	3	5	0	3.1	31	3.3	30	3.6	32	3.4	31	3.4	34
<b>No Information Provided</b>			104	3587	38	37	66	63	4	4	0	0	3.2	32	3.4	31	3.7	34	3.4	31	3.4	34
<b>Hispanic/Latino</b>			11526	3562	5295	46	6231	54	292	3	8	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
<b>American Indian or Alaska Native</b>			38	3618	18	47	20	53	2	5	0	0	3.4	34	3.2	29	4.0	36	3.5	32	3.5	35
<b>Asian</b>			224	3558	108	48	116	52	6	3	1	0	3.1	31	3.3	30	3.3	30	3.3	30	3.3	33
<b>Black or African American</b>			3108	3553	1415	46	1693	54	76	2	2	0	3.0	30	3.2	29	3.4	31	3.3	30	3.4	34
<b>Native Hawaiian or Other Pacific Islander</b>			27	3602	10	37	17	63	2	7	0	0	3.2	32	3.4	31	3.7	34	3.4	31	3.5	35
<b>White</b>			1199	3616	431	36	768	64	65	5	1	0	3.1	31	3.4	30	3.8	34	3.7	34	3.7	37
<b>Two or More Races</b>			192	3592	83	43	109	57	5	3	0	0	2.9	29	3.4	30	3.9	35	3.5	32	3.4	34
<b>No Information Provided</b>			222	3542	96	43	126	57	4	2	0	0	3.0	30	3.2	29	3.4	31	3.4	31	3.3	33
<b>Economically Disadvantaged</b>	Yes		13472	3559	6182	46	7290	54	344	3	11	0	3.0	30	3.2	29	3.5	31	3.4	31	3.4	34
	No		2746	3593	1134	41	1612	59	102	4	1	0	3.1	31	3.3	30	3.6	33	3.6	33	3.5	35
	No Information Provided		318	3557	140	44	178	56	6	2	0	0	3.0	30	3.2	29	3.4	31	3.4	31	3.4	34
<b>Title I, Part A</b>	Participants		11033	3562	5063	46	5970	54	296	3	10	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	Nonparticipants		5099	3574	2211	43	2888	57	144	3	2	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		404	3525	182	45	222	55	12	3	0	0	2.9	29	3.2	29	3.4	31	3.4	31	3.3	33
<b>Migrant</b>	Yes		107	3506	58	54	49	46	2	2	0	0	2.7	27	2.9	27	3.3	30	3.2	29	3.2	32
	No		15552	3567	6979	45	8573	55	425	3	12	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		877	3537	419	48	458	52	25	3	0	0	2.9	29	3.1	28	3.4	31	3.4	31	3.3	33
<b>Identified as Emergent Bilingual/English Learner</b>			7868	3543	3923	50	3945	50	153	2	8	0	2.9	29	3.1	28	3.4	30	3.3	30	3.3	33
<b>Monitored 1st Year, reclassified from EB/EL</b>			7	3675	3	43	4	57	1	14	0	0	3.7	37	3.4	31	3.9	35	3.4	31	4.6	46
<b>Monitored 2nd Year, reclassified from EB/EL</b>			9	3691	2	22	7	78	0	0	0	0	3.9	39	3.4	31	3.9	35	4.1	37	4.0	40
<b>Monitored 3rd Year, reclassified from EB/EL</b>			30	3672	7	23	23	77	3	10	0	0	3.5	35	3.2	29	4.3	39	4.3	39	3.5	35
<b>Monitored 4th Year, reclassified from EB/EL</b>			41	3623	11	27	30	73	3	7	0	0	3.2	32	3.3	30	3.7	34	3.6	33	3.8	38
<b>Former EB/EL (Post Monitoring)</b>			178	3630	62	35	116	65	10	6	0	0	3.3	33	3.3	30	4.0	36	3.7	33	3.6	36
<b>Non-Emergent Bilingual/Non-English Learner</b>			8122	3585	3329	41	4793	59	270	3	4	0	3.1	31	3.3	30	3.6	33	3.5	31	3.5	35
<b>No Information Provided</b>			281	3524	119	42	162	58	12	4	0	0	2.8	28	3.3	30	3.3	30	3.6	33	3.4	34
<b>Bilingual</b>	Participants		29	3628	9	31	20	69	3	10	0	0	3.2	32	3.7	33	3.9	36	3.6	32	3.6	36
	Nonparticipants		16081	3566	7255	45	8826	55	432	3	12	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		426	3528	192	45	234	55	17	4	0	0	2.8	28	3.2	29	3.3	30	3.5	32	3.3	33
<b>ESL</b>	Participants		6257	3542	3119	50	3138	50	116	2	5	0	2.9	29	3.1	28	3.3	30	3.3	30	3.3	33
	Nonparticipants		9892	3581	4162	42	5730	58	321	3	7	0	3.0	30	3.3	30	3.6	33	3.4	31	3.5	35
	No Information Provided		387	3531	175	45	212	55	15	4	0	0	2.8	28	3.2	29	3.4	31	3.6	33	3.4	34
<b>Special Education</b>	Yes		3535	3532	1794	51	1741	49	44	1	1	0	2.9	29	3.1	28	3.3	30	3.3	30	3.2	32
	No		12499	3575	5447	44	7052	56	394	3	11	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		502	3552	215	43	287	57	14	3	0	0	2.9	29	3.2	29	3.5	32	3.5	32	3.4	34
<b>Section 504</b>	Yes		1973	3589	803	41	1170	59	73	4	0	0	3.0	30	3.3	30	3.6	33	3.5	32	3.6	36
	No		13984	3563	6394	46	7590	54	365	3	12	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		579	3535	259	45	320	55	14	2	0	0	2.9	29	3.1	28	3.4	31	3.5	31	3.3	33
<b>Gifted/Talented</b>	Participants		93	3636	34	37	59	63	9	10	1	1	3.4	34	3.4	31	4.0	36	3.8	34	3.7	37
	Nonparticipants		15556	3566	7026	45	8530	55	419	3	11	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34
	No Information Provided		887	3538	396	45	491	55	24	3	0	0	2.9	29	3.1	29	3.5	32	3.4	31	3.3	33
<b>At-Risk</b>	Yes		14810	3560	6790	46	8020	54	368	2	9	0	3.0	30	3.2	29	3.5	31	3.4	31	3.4	34
	No		1424	3614	533	37	891	63	78	5	3	0	3.2	32	3.4	31	3.8	34	3.5	32	3.6	36
	No Information Provided		302	3563	133	44	169	56	6	2	0	0	3.0	30	3.2	29	3.5	32	3.4	31	3.4	34