STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

All Students

STATEWIDE

Report Date: FALL 2023
Date of Testing: FALL 2023

Administration Summary	Number	Percent
Students Tested	46668	88
Students Not Tested		
Absent	5236	10
Other	1262	2
Total Documents Submitted	53166	100

Legend
--- = No Data Reported For Fewer Than Five Students

		Number of Students Tested	Average Scale Score	Did Not Meet		Approaches		Meets		Masters		Results for Each Reporting Category									
												1		2		3		4		5	
												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		10		11	
												Avg. # of Points / % Achieved									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		46668	3693	17813	38	28855	62	6839	15	2029	4	3.6	36	4.1	37	4.1	37	3.1	31	4.1	38
Male		25697	3674	10484	41	15213	59	3485	14	1019	4	3.6	36	4.0	36	4.0	36	3.1	31	4.1	37
Female		20967	3717	7326	35	13641	65	3354	16	1010	5	3.7	37	4.3	39	4.2	38	3.2	32	4.2	38
No Information Provided		4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hispanic/Latino		31886	3679	12443	39	19443	61	4265	13	1102	3	3.6	36	4.0	37	4.0	36	3.1	31	4.1	37
American Indian or Alaska Native		124	3628	60	48	64	52	15	12	4	3	3.4	34	3.8	35	3.9	35	2.9	29	3.9	36
Asian		1040	4006	303	29	737	71	425	41	231	22	4.8	48	5.6	51	5.3	48	4.4	44	5.6	51
Black or African American		7979	3618	3325	42	4654	58	576	7	111	1	3.4	34	3.8	35	3.8	34	2.8	28	3.7	33
Native Hawaiian or Other Pacific Islander		76	3651	29	38	47	62	9	12	2	3	3.3	33	4.1	37	3.8	35	3.1	31	4.0	36
White		4404	3862	1219	28	3185	72	1370	31	530	12	4.2	42	4.9	45	4.9	45	3.9	39	5.1	46
Two or More Races		737	3758	234	32	503	68	160	22	49	7	3.9	39	4.5	41	4.4	40	3.4	34	4.6	41
No Information Provided		422	3555	200	47	222	53	19	5	0	0	3.3	33	3.5	32	3.5	32	2.6	26	3.4	31
Economically Disadvantaged	*Yes*	36465	3656	14585	40	21880	60	4101	11	880	2	3.5	35	4.0	36	3.9	36	3.0	30	3.9	36
	No	10176	3826	3218	32	6958	68	2732	27	1147	11	4.1	41	4.7	43	4.7	43	3.7	37	4.8	44
	No Information Provided	27	3763	10	37	17	63	6	22	2	7	3.7	37	4.4	40	4.4	40	3.4	34	4.8	43
Title I, Part A	*Participants*	29311	3688	11352	39	17959	61	4184	14	1212	4	3.6	36	4.1	37	4.0	37	3.1	31	4.1	37
	Nonparticipants	17309	3701	6443	37	10866	63	2649	15	815	5	3.7	37	4.2	38	4.2	38	3.1	31	4.2	38
	No Information Provided	48	3709	18	38	30	63	6	13	2	4	3.5	35	4.3	39	4.2	38	3.1	31	4.5	41
Migrant	*Yes*	295	3627	120	41	175	59	27	9	4	1	3.4	34	3.9	35	3.8	34	2.9	29	3.8	34
	No	44546	3698	16866	38	27680	62	6705	15	2012	5	3.7	37	4.1	38	4.1	37	3.1	31	4.2	38
	No Information Provided	1827	3590	827	45	1000	55	107	6	13	1	3.3	33	3.7	33	3.7	33	2.6	26	3.6	33
Identified as Emergent Bilingual/English Learner		20042	3600	9274	46	10768	54	1290	6	189	1	3.4	34	3.7	33	3.6	33	2.7	27	3.6	33
Monitored 1st Year, reclassified from EB/EL		37	4253	4	11	33	89	24	65	11	30	5.3	53	6.4	58	6.2	57	5.8	58	7.7	70
Monitored 2nd Year, reclassified from EB/EL		54	4035	8	15	46	85	29	54	9	17	4.8	48	5.7	52	5.5	50	4.7	47	6.2	56
Monitored 3rd Year, reclassified from EB/EL		54	3769	20	37	34	63	15	28	4	7	3.6	36	4.4	40	4.5	41	3.9	39	4.9	44
Monitored 4th Year, reclassified from EB/EL		174	4063	25	14	149	86	82	47	35	20	4.9	49	5.9	53	5.7	52	4.8	48	6.2	56
Former EB/EL (Post Monitoring)		1438	4113	199	14	1239	86	776	54	323	22	4.9	49	5.9	54	6.0	55	5.1	51	6.5	59
Non-Emergent Bilingual/Non-English Learner		24719	3741	8219	33	16500	67	4608	19	1456	6	3.8	38	4.4	40	4.4	40	3.3	33	4.4	40
No Information Provided		150	3639	64	43	86	57	15	10	2	1	3.4	34	3.9	35	3.8	34	2.9	29	4.0	36
Bilingual	*Participants*	62	3573	34	55	28	45	5	8	1	2	3.3	33	3.7	34	3.3	30	2.5	25	3.5	32
	Nonparticipants	46149	3694	17558	38	28591	62	6803	15	2024	4	3.6	36	4.1	38	4.1	37	3.1	31	4.1	38
	No Information Provided	457	3575	221	48	236	52	31	7	4	1	3.3	33	3.7	33	3.5	32	2.7	27	3.5	32
ESL	*Participants*	16596	3603	7642	46	8954	54	1153	7	172	1	3.4	34	3.7	33	3.6	33	2.7	27	3.7	33
	Nonparticipants	29904	3743	10104	34	19800	66	5669	19	1855	6	3.8	38	4.4	40	4.4	40	3.3	33	4.4	40
	No Information Provided	168	3647	67	40	101	60	17	10	2	1	3.4	34	4.0	36	3.8	35	3.0	30	4.0	36
Special Education	*Yes*	8198	3561	4195	51	4003	49	342	4	62	1	3.3	33	3.5	32	3.5	31	2.6	26	3.3	30
	No	38246	3722	13525	35	24721	65	6478	17	1965	5	3.7	37	4.2	39	4.2	38	3.2	32	4.3	39
	No Information Provided	224	3619	93	42	131	58	19	8	2	1	3.4	34	3.9	36	3.7	34	2.8	28	3.8	34
Section 504	*Yes*	4992	3683	1797	36	3195	64	682	14	165	3	3.6	36	4.1	37	4.1	37	3.1	31	4.1	37
	No	41160	3696	15766	38	25394	62	6128	15	1861	5	3.7	37	4.1	38	4.1	37	3.1	31	4.1	38
	No Information Provided	516	3566	250	48	266	52	29	6	3	1	3.3	33	3.6	33	3.5	32	2.6	26	3.5	31
Gifted/Talented	*Participants*	1411	4497	81	6	1330	94	1129	80	696	49	6.3	63	7.6	69	7.5	68	6.6	66	8.2	74
	Nonparticipants	45156	3668	17687	39	27469	61	5705	13	1332	3	3.6	36	4.0	37	4.0	36	3.0	30	4.0	36
	No Information Provided	101	3603	45	45	56	55	5	5	1	1	3.5	35	3.9	35	3.7	33	2.6	26	3.6	33
At-Risk	*Yes*	40021	3624	16752	42	23269	58	3287	8	431	1	3.4	34	3.8	35	3.8	34	2.8	28	3.8	34
	No	6623	4112	1053	16	5570	84	3547	54	1597	24	5.0	50	6.1	55	6.0	54	5.0	50	6.4	58
	No Information Provided	24	3687	8	33	16	67	5	21	1	4	3.8	38	4.0	37	4.2	38	3.4	34	4.6	42

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

STATEWIDE

Report Date: FALL 2023
Date of Testing: FALL 2023

Administration Summary	Number	Percent
Students Tested	14002	88
Students Not Tested		
Absent	1557	10
Other	324	2
Total Documents Submitted	15883	100

Legend
--- = No Data Reported For Fewer Than Five Students

		Number of Students Tested	Average Scale Score	Did Not Meet		Approaches		Meets		Masters		Results for Each Reporting Category									
												1		2		3		4		5	
												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		10		11	
												Avg. # of Points / % Achieved									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		14002	3997	2209	16	11793	84	6197	44	1992	14	4.6	46	5.6	51	5.5	50	4.5	45	5.9	54
Male		7080	3988	1242	18	5838	82	3106	44	1001	14	4.6	46	5.4	49	5.4	49	4.5	45	5.9	54
Female		6919	4008	965	14	5954	86	3091	45	991	14	4.6	46	5.7	52	5.5	50	4.5	45	5.9	54
No Information Provided		3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hispanic/Latino		9325	3963	1548	17	7777	83	3872	42	1082	12	4.5	45	5.4	49	5.3	48	4.4	44	5.8	53
American Indian or Alaska Native		37	3865	10	27	27	73	14	38	4	11	4.0	40	5.1	46	5.1	46	3.9	39	5.5	50
Asian		526	4454	31	6	495	94	414	79	230	44	6.3	63	7.6	69	7.3	66	6.3	63	7.8	71
Black or African American		1614	3834	339	21	1275	79	436	27	100	6	4.1	41	5.0	45	4.8	44	3.7	37	4.9	45
Native Hawaiian or Other Pacific Islander		21	3849	4	19	17	81	7	33	2	10	4.1	41	5.3	48	4.8	43	4.2	42	5.4	49
White		2077	4183	195	9	1882	91	1292	62	526	25	5.3	53	6.4	58	6.4	58	5.3	53	6.8	62
Two or More Races		301	4027	45	15	256	85	149	50	48	16	4.8	48	5.8	53	5.6	51	4.6	46	6.2	57
No Information Provided		101	3596	37	37	64	63	13	13	0	0	3.2	32	3.7	34	3.9	36	2.9	29	4.1	37
Economically Disadvantaged	*Yes*	9741	3915	1756	18	7985	82	3610	37	852	9	4.3	43	5.2	47	5.1	47	4.2	42	5.5	50
	No	4238	4187	445	11	3793	89	2581	61	1138	27	5.3	53	6.4	59	6.3	57	5.3	53	6.8	62
	No Information Provided	23	3781	8	35	15	65	6	26	2	9	3.6	36	4.5	41	4.4	40	3.6	36	5.0	46
Title I, Part A	*Participants*	8734	3982	1447	17	7287	83	3768	43	1185	14	4.5	45	5.5	50	5.4	49	4.5	45	5.9	53
	Nonparticipants	5238	4024	751	14	4487	86	2423	46	805	15	4.7	47	5.8	52	5.6	51	4.6	46	6.0	54
	No Information Provided	30	3742	11	37	19	63	6	20	2	7	3.5	35	4.4	40	4.3	39	3.3	33	4.8	43
Migrant	*Yes*	82	3858	16	20	66	80	24	29	4	5	3.9	39	5.0	45	5.1	46	4.0	40	5.1	46
	No	13523	4006	2070	15	11453	85	6092	45	1975	15	4.6	46	5.6	51	5.5	50	4.5	45	6.0	54
	No Information Provided	397	3721	123	31	274	69	81	20	13	3	3.6	36	4.3	39	4.4	40	3.3	33	4.5	41
Identified as Emergent Bilingual/English Learner		4087	3801	1067	26	3020	74	1078	26	173	4	4.0	40	4.6	42	4.5	41	3.7	37	4.9	44
Monitored 1st Year, reclassified from EB/EL		31	4391	1	3	30	97	24	77	11	35	5.7	57	6.8	62	6.8	62	6.5	65	8.5	77
Monitored 2nd Year, reclassified from EB/EL		31	4296	0	0	31	100	25	81	9	29	5.6	56	6.8	62	6.8	62	6.1	61	7.5	68
Monitored 3rd Year, reclassified from EB/EL		22	4088	3	14	19	86	15	68	4	18	4.5	45	6.4	58	6.1	55	5.2	52	7.0	64
Monitored 4th Year, reclassified from EB/EL		110	4297	5	5	105	95	79	72	35	32	5.7	57	6.9	63	6.6	60	6.0	60	7.6	69
Former EB/EL (Post Monitoring)		1000	4327	40	4	960	96	757	76	323	32	5.6	56	6.9	62	6.9	63	6.1	61	7.7	70
Non-Emergent Bilingual/Non-English Learner		8660	4047	1077	12	7583	88	4206	49	1435	17	4.8	48	5.8	53	5.7	52	4.7	47	6.2	56
No Information Provided		61	3728	16	26	45	74	13	21	2	3	3.6	36	4.3	39	4.2	39	3.5	35	4.6	42
Bilingual	*Participants*	10	3899	2	20	8	80	4	40	1	10	3.9	39	5.2	47	5.1	46	4.2	42	5.5	50
	Nonparticipants	13847	4001	2156	16	11691	84	6166	45	1987	14	4.6	46	5.6	51	5.5	50	4.5	45	5.9	54
	No Information Provided	145	3658	51	35	94	65	27	19	4	3	3.4	34	4.1	37	4.0	37	3.1	31	4.3	39
ESL	*Participants*	3557	3805	934	26	2623	74	964	27	156	4	4.0	40	4.7	42	4.5	41	3.7	37	4.9	45
	Nonparticipants	10373	4065	1258	12	9115	88	5218	50	1834	18	4.8	48	5.9	54	5.8	53	4.8	48	6.3	57
	No Information Provided	72	3735	17	24	55	76	15	21	2	3	3.7	37	4.3	40	4.3	39	3.4	34	4.7	43
Special Education	*Yes*	1702	3716	537	32	1165	68	294	17	59	3	3.7	37	4.3	39	4.2	38	3.3	33	4.3	39
	No	12216	4039	1647	13	10569	87	5886	48	1931	16	4.7	47	5.8	52	5.7	51	4.7	47	6.1	56
	No Information Provided	84	3710	25	30	59	70	17	20	2	2	3.6	36	4.3	39	4.3	39	3.2	32	4.5	41
Section 504	*Yes*	1348	3981	183	14	1165	86	594	44	161	12	4.5	45	5.5	50	5.5	50	4.5	45	5.9	54
	No	12490	4004	1965	16	10525	84	5578	45	1828	15	4.6	46	5.6	51	5.5	50	4.5	45	5.9	54
	No Information Provided	164	3633	61	37	103	63	25	15	3	2	3.3	33	4.0	36	4.0	36	3.0	30	4.1	37
Gifted/Talented	*Participants*	1238	4620	15	1	1223	99	1120	90	694	56	6.7	67	8.1	74	8.0	73	7.2	72	8.8	80
	Nonparticipants	12714	3938	2174	17	10540	83	5072	40	1297	10	4.4	44	5.3	48	5.2	48	4.3	43	5.6	51
	No Information Provided	50	3625	20	40	30	60	5	10	1	2	3.3	33	3.9	35	3.9	36	2.8	28	4.1	37
At-Risk	*Yes*	9386	3829	2001	21	7385	79	2718	29	397	4	4.0	40	4.8	44	4.8	43	3.8	38	5.1	46
	No	4595	4343	201	4	4394	96	3474	76	1594	35	5.8	58	7.1	65	7.0	63	6.0	60	7.6	69
	No Information Provided	21	3681	7	33	14	67	5	24	1	5	3.6	36	4.1	37	4.1	38	3.4	34	4.8	43

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

Retested Students

STATEWIDE

Report Date: FALL 2023
Date of Testing: FALL 2023

Administration Summary	Number	Percent
Students Tested	32666	88
Students Not Tested		
Absent	3679	10
Other	938	3
Total Documents Submitted	37283	100

Legend
--- = No Data Reported For Fewer Than Five Students

		Number of Students Tested	Average Scale Score	Did Not Meet		Approaches		Meets		Masters		Results for Each Reporting Category									
												1		2		3		4		5	
												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		10		11	
												Avg. # of Points / % Achieved									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		32666	3563	15604	48	17062	52	642	2	37	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
Male		18617	3554	9242	50	9375	50	379	2	18	0	3.2	32	3.4	31	3.4	31	2.5	25	3.3	30
Female		14048	3574	6361	45	7687	55	263	2	19	0	3.2	32	3.6	33	3.6	32	2.6	26	3.4	31
No Information Provided		1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hispanic/Latino		22561	3562	10895	48	11666	52	393	2	20	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
American Indian or Alaska Native		87	3527	50	57	37	43	1	1	0	0	3.1	31	3.3	30	3.4	31	2.5	25	3.2	29
Asian		514	3547	272	53	242	47	11	2	1	0	3.4	34	3.5	32	3.3	30	2.4	24	3.3	30
Black or African American		6365	3564	2986	47	3379	53	140	2	11	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
Native Hawaiian or Other Pacific Islander		55	3575	25	45	30	55	2	4	0	0	3.0	30	3.6	33	3.5	31	2.7	27	3.5	32
White		2327	3575	1024	44	1303	56	78	3	4	0	3.3	33	3.5	32	3.6	33	2.6	26	3.5	32
Two or More Races		436	3573	189	43	247	57	11	3	1	0	3.3	33	3.6	32	3.6	33	2.6	26	3.4	31
No Information Provided		321	3543	163	51	158	49	6	2	0	0	3.3	33	3.5	31	3.4	31	2.5	25	3.2	29
Economically Disadvantaged	*Yes*	26724	3561	12829	48	13895	52	491	2	28	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No	5938	3569	2773	47	3165	53	151	3	9	0	3.2	32	3.5	32	3.5	32	2.6	26	3.4	31
	No Information Provided	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Title I, Part A	*Participants*	20577	3563	9905	48	10672	52	416	2	27	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	Nonparticipants	12071	3561	5692	47	6379	53	226	2	10	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No Information Provided	18	3655	7	39	11	61	0	0	0	0	3.6	36	4.1	37	3.9	36	2.7	27	3.9	36
Migrant	*Yes*	213	3538	104	49	109	51	3	1	0	0	3.2	32	3.5	31	3.2	30	2.5	25	3.3	30
	No	31023	3563	14796	48	16227	52	613	2	37	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No Information Provided	1430	3554	704	49	726	51	26	2	0	0	3.2	32	3.5	32	3.5	32	2.5	25	3.3	30
Identified as Emergent Bilingual/English Learner		15955	3548	8207	51	7748	49	212	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		6	3541	3	50	3	50	0	0	0	0	3.0	30	4.0	36	3.0	27	1.8	18	3.7	33
Monitored 2nd Year, reclassified from EB/EL		23	3682	8	35	15	65	4	17	0	0	3.7	37	4.1	38	3.7	34	2.9	29	4.3	40
Monitored 3rd Year, reclassified from EB/EL		32	3549	17	53	15	47	0	0	0	0	3.0	30	3.0	27	3.4	31	3.0	30	3.4	31
Monitored 4th Year, reclassified from EB/EL		64	3660	20	31	44	69	3	5	0	0	3.5	35	4.1	37	4.2	38	2.7	27	3.8	34
Former EB/EL (Post Monitoring)		438	3624	159	36	279	64	19	4	0	0	3.2	32	3.7	34	3.9	35	2.8	28	3.8	35
Non-Emergent Bilingual/Non-English Learner		16059	3575	7142	44	8917	56	402	3	21	0	3.2	32	3.6	33	3.6	33	2.6	26	3.4	31
No Information Provided		89	3579	48	54	41	46	2	2	0	0	3.3	33	3.6	33	3.5	31	2.5	25	3.5	32
Bilingual	*Participants*	52	3510	32	62	20	38	1	2	0	0	3.2	32	3.4	31	3.0	27	2.2	22	3.1	28
	Nonparticipants	32302	3563	15402	48	16900	52	637	2	37	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No Information Provided	312	3537	170	54	142	46	4	1	0	0	3.3	33	3.5	32	3.3	30	2.5	25	3.2	29
ESL	*Participants*	13039	3548	6708	51	6331	49	189	1	16	0	3.2	32	3.4	31	3.3	30	2.5	25	3.3	30
	Nonparticipants	19531	3572	8846	45	10685	55	451	2	21	0	3.2	32	3.6	32	3.6	33	2.6	26	3.4	31
	No Information Provided	96	3580	50	52	46	48	2	2	0	0	3.3	33	3.7	33	3.4	31	2.6	26	3.4	31
Special Education	*Yes*	6496	3521	3658	56	2838	44	48	1	3	0	3.1	31	3.3	30	3.3	30	2.4	24	3.1	28
	No	26030	3573	11878	46	14152	54	592	2	34	0	3.3	33	3.5	32	3.6	32	2.6	26	3.4	31
	No Information Provided	140	3565	68	49	72	51	2	1	0	0	3.4	34	3.7	33	3.4	31	2.5	25	3.3	30
Section 504	*Yes*	3644	3573	1614	44	2030	56	88	2	4	0	3.2	32	3.6	32	3.6	32	2.6	26	3.4	31
	No	28670	3562	13801	48	14869	52	550	2	33	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No Information Provided	352	3534	189	54	163	46	4	1	0	0	3.2	32	3.5	32	3.3	30	2.4	24	3.2	29
Gifted/Talented	*Participants*	173	3618	66	38	107	62	9	5	2	1	3.3	33	3.7	34	4.0	36	2.7	27	3.9	36
	Nonparticipants	32442	3562	15513	48	16929	52	633	2	35	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No Information Provided	51	3581	25	49	26	51	0	0	0	0	3.6	36	3.8	35	3.4	31	2.4	24	3.1	29
At-Risk	*Yes*	30635	3561	14751	48	15884	52	569	2	34	0	3.2	32	3.5	32	3.5	32	2.5	25	3.4	31
	No	2028	3589	852	42	1176	58	73	4	3	0	3.3	33	3.6	33	3.7	33	2.6	26	3.6	33
	No Information Provided	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---