STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

All Students

STATEWIDE

Report Date: SUMMER 2024
Date of Testing: SUMMER 2024

Administration Summary	Number	Percent
Students Tested	14630	97
Students Not Tested		
Absent	374	2
Other	29	0
Total Documents Submitted	15033	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	14630	3616	5929	41	8701	59	882	6	141	1	3.4	34	3.8	35	3.7	34	2.8	28	3.6	33
Male	7879	3593	3486	44	4393	56	429	5	63	1	3.4	34	3.6	33	3.6	33	2.8	28	3.5	32
Female	6739	3643	2437	36	4302	64	453	7	78	1	3.4	34	4.0	36	3.9	36	2.9	29	3.7	34
No Information Provided	12	3562	6	50	6	50	0	0	0	0	3.5	35	2.9	27	3.3	30	2.3	23	3.8	35
Hispanic/Latino	9886	3601	4138	42	5748	58	437	4	46	0	3.3	33	3.7	34	3.7	33	2.8	28	3.5	32
American Indian or Alaska Native	37	3641	13	35	24	65	4	11	0	0	3.5	35	4.2	39	3.8	35	2.9	29	3.4	31
Asian	199	3703	92	46	107	54	29	15	17	9	3.9	39	4.2	38	4.0	37	3.1	31	3.9	35
Black or African American	2528	3601	1018	40	1510	60	133	5	4	0	3.4	34	3.8	34	3.7	34	2.7	27	3.5	32
Native Hawaiian or Other Pacific Islander	20	3627	7	35	13	65	1	5	0	0	3.2	32	3.7	34	4.4	40	2.7	27	3.6	32
White	1327	3750	395	30	932	70	229	17	68	5	3.8	38	4.4	40	4.5	40	3.4	34	4.3	39
Two or More Races	210	3707	62	30	148	70	28	13	4	2	3.5	35	4.4	40	4.2	39	3.1	31	4.2	38
No Information Provided	423	3552	204	48	219	52	21	5	2	0	3.2	32	3.5	32	3.6	33	2.5	25	3.4	31
Economically Disadvantaged *Yes*	11756	3597	4934	42	6822	58	511	4	47	0	3.3	33	3.7	34	3.7	33	2.7	27	3.5	32
No	2819	3695	970	34	1849	66	366	13	93	3	3.6	36	4.2	38	4.1	37	3.2	32	4.1	37
No Information Provided	55	3611	25	45	30	55	5	9	1	2	3.7	37	3.5	32	3.6	33	2.8	28	3.6	32
Title I, Part A *Participants*	9183	3599	3898	42	5285	58	414	5	40	0	3.4	34	3.7	34	3.7	33	2.7	27	3.5	32
Nonparticipants	5377	3645	2001	37	3376	63	458	9	100	2	3.5	35	4.0	36	3.9	35	3.0	30	3.8	34
No Information Provided	70	3637	30	43	40	57	10	14	1	1	3.7	37	3.7	34	4.0	36	2.8	28	3.9	36
Migrant *Yes*	80	3570	34	43	46	58	0	0	0	0	3.7	37	3.6	33	3.5	31	2.5	25	3.1	28
No	13457	3621	5415	40	8042	60	821	6	132	1	3.4	34	3.8	35	3.8	34	2.8	28	3.6	33
No Information Provided	1093	3560	480	44	613	56	61	6	9	1	3.3	33	3.6	33	3.6	33	2.7	27	3.5	32
Identified as Emergent Bilingual/English Learner	6122	3572	2870	47	3252	53	176	3	19	0	3.3	33	3.6	32	3.5	31	2.6	26	3.3	30
Monitored 1st Year, reclassified from EB/EL	11	3669	4	36	7	64	2	18	0	0	3.7	37	3.5	32	3.8	35	3.1	31	4.5	40
Monitored 2nd Year, reclassified from EB/EL	9	3657	5	56	4	44	1	11	0	0	3.0	30	3.7	33	4.1	37	3.1	31	4.3	39
Monitored 3rd Year, reclassified from EB/EL	17	3853	7	41	10	59	7	41	4	24	4.8	48	5.5	50	4.6	42	4.1	41	4.8	44
Monitored 4th Year, reclassified from EB/EL	43	3758	13	30	30	70	7	16	2	5	3.8	38	4.8	43	4.4	40	3.3	33	4.3	40
Former EB/EL (Post Monitoring)	152	3643	61	40	91	60	13	9	3	2	3.3	33	3.9	35	3.9	35	2.8	28	4.0	36
Non-Emergent Bilingual/Non-English Learner	8031	3654	2849	35	5182	65	658	8	110	1	3.5	35	4.0	36	4.0	36	3.0	30	3.8	34
No Information Provided	245	3417	120	49	125	51	18	7	3	1	3.1	31	3.3	30	3.3	30	2.3	23	3.3	30
Bilingual *Participants*	46	3561	25	54	21	46	1	2	0	0	3.2	32	3.5	32	3.3	30	2.7	27	3.4	31
Nonparticipants	14251	3620	5744	40	8507	60	857	6	137	1	3.4	34	3.8	35	3.8	34	2.8	28	3.6	33
No Information Provided	333	3463	160	48	173	52	24	7	4	1	3.2	32	3.4	31	3.4	31	2.4	24	3.4	31
ESL *Participants*	4723	3569	2230	47	2493	53	136	3	13	0	3.3	33	3.5	32	3.4	31	2.6	26	3.3	30
Nonparticipants	9623	3644	3567	37	6056	63	725	8	125	1	3.4	34	4.0	36	3.9	36	2.9	29	3.7	34
No Information Provided	284	3451	132	46	152	54	21	7	3	1	3.2	32	3.4	31	3.4	30	2.5	25	3.4	31
Special Education *Yes*	3403	3565	1633	48	1770	52	91	3	11	0	3.3	33	3.6	33	3.5	32	2.7	27	3.2	29
No	10944	3636	4162	38	6782	62	773	7	127	1	3.4	34	3.9	35	3.8	35	2.9	29	3.7	34
No Information Provided	283	3475	134	47	149	53	18	6	3	1	3.2	32	3.4	31	3.4	31	2.5	25	3.3	30
Section 504 *Yes*	1731	3637	653	38	1078	62	128	7	26	2	3.4	34	3.9	36	3.9	35	2.9	29	3.7	33
No	12558	3617	5111	41	7447	59	733	6	112	1	3.4	34	3.8	35	3.7	34	2.8	28	3.6	33
No Information Provided	341	3460	165	48	176	52	21	6	3	1	3.1	31	3.4	31	3.3	30	2.4	24	3.3	30
Gifted/Talented *Participants*	159	4074	23	14	136	86	75	47	37	23	4.8	48	5.7	51	6.1	55	4.9	49	6.1	56
Nonparticipants	14389	3612	5864	41	8525	59	801	6	104	1	3.4	34	3.8	34	3.7	34	2.8	28	3.6	32
No Information Provided	82	3539	42	51	40	49	6	7	0	0	3.4	34	3.4	31	3.4	31	2.6	26	3.5	32
At-Risk *Yes*	12769	3596	5384	42	7385	58	532	4	44	0	3.3	33	3.7	34	3.6	33	2.7	27	3.5	32
No	1807	3761	520	29	1287	71	345	19	96	5	3.8	38	4.5	41	4.5	41	3.5	35	4.4	40
No Information Provided	54	3615	25	46	29	54	5	9	1	2	3.6	36	3.6	32	3.5	32	2.9	29	3.6	33

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

STATEWIDE

Report Date: SUMMER 2024
Date of Testing: SUMMER 2024

Administration Summary	Number	Percent
Students Tested	1366	94
Students Not Tested		
Absent	75	5
Other	5	0
Total Documents Submitted	1446	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		1366	3892	270	20	1096	80	488	36	119	9	4.2	42	5.1	46	5.1	46	4.0	40	5.4	49
Male		668	3860	150	22	518	78	230	34	48	7	4.2	42	4.9	44	4.9	45	4.0	40	5.3	48
Female		693	3926	118	17	575	83	258	37	71	10	4.3	43	5.3	49	5.3	48	4.1	41	5.5	50
No Information Provided		5	3611	2	40	3	60	0	0	0	0	3.4	34	3.4	31	3.4	31	2.4	24	4.4	40
Hispanic/Latino		703	3842	148	21	555	79	215	31	31	4	4.0	40	4.9	45	4.8	44	3.8	38	5.1	47
American Indian or Alaska Native		4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Asian		34	4327	5	15	29	85	22	65	14	41	5.9	59	6.6	60	7.1	65	5.5	55	7.1	65
Black or African American		207	3719	57	28	150	72	46	22	2	1	3.8	38	4.4	40	4.4	40	3.2	32	4.5	41
Native Hawaiian or Other Pacific Islander		1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White		271	4182	15	6	256	94	167	62	67	25	5.2	52	6.4	58	6.5	59	5.4	54	6.8	62
Two or More Races		32	4131	1	3	31	97	19	59	4	13	5.4	54	6.1	56	5.9	54	5.1	51	6.8	61
No Information Provided		114	3628	44	39	70	61	16	14	1	1	3.3	33	3.9	35	4.1	37	3.1	31	3.9	36
Economically Disadvantaged	*Yes*	888	3777	213	24	675	76	219	25	28	3	3.9	39	4.7	42	4.6	41	3.5	35	4.7	43
	No	459	4121	50	11	409	89	264	58	90	20	5.0	50	6.0	55	6.2	56	5.0	50	6.6	60
	No Information Provided	19	3752	7	37	12	63	5	26	1	5	4.4	44	4.1	37	3.9	36	3.8	38	4.3	39
Title I, Part A	*Participants*	571	3808	133	23	438	77	163	29	23	4	4.0	40	4.7	43	4.7	43	3.6	36	4.9	45
	Nonparticipants	767	3961	127	17	640	83	316	41	95	12	4.4	44	5.4	49	5.4	49	4.4	44	5.7	52
	No Information Provided	28	3744	10	36	18	64	9	32	1	4	4.0	40	4.4	40	4.7	43	3.4	34	4.8	43
Migrant	*Yes*	7	3652	3	43	4	57	0	0	0	0	4.7	47	4.1	38	3.7	34	2.7	27	2.7	25
	No	1167	3931	202	17	965	83	450	39	112	10	4.3	43	5.3	48	5.2	48	4.2	42	5.5	50
	No Information Provided	192	3668	65	34	127	66	38	20	7	4	3.6	36	4.0	36	4.4	40	3.2	32	4.4	40
Identified as Emergent Bilingual/English Learner		294	3718	91	31	203	69	53	18	3	1	3.7	37	4.3	39	4.1	37	3.3	33	4.4	40
Monitored 1st Year, reclassified from EB/EL		2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monitored 2nd Year, reclassified from EB/EL		2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monitored 3rd Year, reclassified from EB/EL		6	4626	0	0	6	100	6	100	4	67	7.7	77	8.7	79	8.2	74	7.3	73	8.2	74
Monitored 4th Year, reclassified from EB/EL		11	4041	0	0	11	100	5	45	2	18	4.6	46	6.9	63	5.1	46	4.3	43	6.2	56
Former EB/EL (Post Monitoring)		23	4095	0	0	23	100	13	57	3	13	4.6	46	5.4	49	6.0	55	5.3	53	7.0	64
Non-Emergent Bilingual/Non-English Learner		947	3968	141	15	806	85	395	42	105	11	4.4	44	5.4	49	5.5	50	4.3	43	5.7	52
No Information Provided		81	3499	38	47	43	53	13	16	2	2	3.3	33	3.5	31	3.8	35	2.6	26	3.8	34
Bilingual	*Participants*	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Nonparticipants	1267	3919	227	18	1040	82	470	37	116	9	4.3	43	5.2	47	5.2	47	4.1	41	5.5	50
	No Information Provided	96	3543	43	45	53	55	17	18	3	3	3.4	34	3.6	32	3.9	35	2.9	29	3.9	35
ESL	*Participants*	225	3703	71	32	154	68	37	16	0	0	3.7	37	4.3	39	4.0	37	3.2	32	4.3	39
	Nonparticipants	1051	3963	160	15	891	85	435	41	117	11	4.4	44	5.4	49	5.4	49	4.3	43	5.7	52
	No Information Provided	90	3537	39	43	51	57	16	18	2	2	3.4	34	3.6	32	3.9	36	2.8	28	4.0	36
Special Education	*Yes*	157	3721	53	34	104	66	30	19	7	4	3.6	36	4.4	40	4.2	39	3.2	32	4.5	41
	No	1127	3944	182	16	945	84	444	39	110	10	4.4	44	5.3	48	5.3	48	4.2	42	5.6	51
	No Information Provided	82	3518	35	43	47	57	14	17	2	2	3.4	34	3.5	32	3.8	35	2.8	28	3.8	35
Section 504	*Yes*	187	3970	31	17	156	83	76	41	25	13	4.3	43	5.4	49	5.5	50	4.6	46	5.8	53
	No	1084	3911	198	18	886	82	396	37	92	8	4.3	43	5.2	47	5.2	47	4.0	40	5.4	49
	No Information Provided	95	3530	41	43	54	57	16	17	2	2	3.4	34	3.5	32	3.8	34	2.9	29	3.8	34
Gifted/Talented	*Participants*	80	4416	3	4	77	96	63	79	35	44	5.9	59	7.2	65	7.6	69	6.6	66	7.8	71
	Nonparticipants	1262	3864	257	20	1005	80	420	33	84	7	4.1	41	5.0	45	5.0	45	3.9	39	5.2	47
	No Information Provided	24	3650	10	42	14	58	5	21	0	0	3.7	37	4.1	38	4.0	36	3.0	30	4.4	40
At-Risk	*Yes*	943	3759	245	26	698	74	214	23	22	2	3.8	38	4.5	41	4.5	41	3.4	34	4.7	43
	No	404	4210	18	4	386	96	269	67	96	24	5.3	53	6.6	60	6.7	61	5.4	54	6.9	63
	No Information Provided	19	3747	7	37	12	63	5	26	1	5	4.2	42	4.1	37	3.9	36	3.9	39	4.3	39

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

Retested Students

STATEWIDE

Report Date: SUMMER 2024
Date of Testing: SUMMER 2024

Administration Summary	Number	Percent
Students Tested	13264	98
Students Not Tested		
Absent	299	2
Other	24	0
Total Documents Submitted	13587	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	13264	3588	5659	43	7605	57	394	3	22	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
Male	7211	3568	3336	46	3875	54	199	3	15	0	3.3	33	3.5	32	3.5	32	2.7	27	3.4	31
Female	6046	3611	2319	38	3727	62	195	3	7	0	3.3	33	3.8	35	3.7	34	2.8	28	3.5	32
No Information Provided	7	3527	4	57	3	43	0	0	0	0	3.6	36	2.6	23	3.3	30	2.3	23	3.4	31
Hispanic/Latino	9183	3582	3990	43	5193	57	222	2	15	0	3.3	33	3.6	33	3.6	32	2.7	27	3.4	31
American Indian or Alaska Native	33	3585	13	39	20	61	1	3	0	0	3.4	34	4.0	36	3.5	32	2.7	27	3.0	27
Asian	165	3574	87	53	78	47	7	4	3	2	3.4	34	3.7	33	3.4	31	2.6	26	3.2	29
Black or African American	2321	3591	961	41	1360	59	87	4	2	0	3.3	33	3.7	34	3.6	33	2.7	27	3.4	31
Native Hawaiian or Other Pacific Islander	19	3628	7	37	12	63	1	5	0	0	3.3	33	3.7	33	4.4	40	2.7	27	3.6	33
White	1056	3639	380	36	676	64	62	6	1	0	3.4	34	3.9	35	3.9	36	2.9	29	3.7	34
Two or More Races	178	3630	61	34	117	66	9	5	0	0	3.2	32	4.0	37	3.9	36	2.8	28	3.7	34
No Information Provided	309	3523	160	52	149	48	5	2	1	0	3.2	32	3.4	31	3.4	31	2.3	23	3.2	29
Economically Disadvantaged *Yes*	10868	3583	4721	43	6147	57	292	3	19	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
No	2360	3612	920	39	1440	61	102	4	3	0	3.4	34	3.8	35	3.7	34	2.8	28	3.5	32
No Information Provided	36	3537	18	50	18	50	0	0	0	0	3.4	34	3.2	29	3.4	31	2.3	23	3.2	29
Title I, Part A *Participants*	8612	3585	3765	44	4847	56	251	3	17	0	3.3	33	3.6	33	3.6	33	2.7	27	3.4	31
Nonparticipants	4610	3593	1874	41	2736	59	142	3	5	0	3.3	33	3.8	34	3.6	33	2.7	27	3.4	31
No Information Provided	42	3565	20	48	22	52	1	2	0	0	3.5	35	3.3	30	3.5	32	2.4	24	3.4	31
Migrant *Yes*	73	3562	31	42	42	58	0	0	0	0	3.5	35	3.5	32	3.4	31	2.5	25	3.1	28
No	12290	3592	5213	42	7077	58	371	3	20	0	3.3	33	3.7	34	3.6	33	2.7	27	3.4	31
No Information Provided	901	3537	415	46	486	54	23	3	2	0	3.2	32	3.5	32	3.4	31	2.5	25	3.3	30
Identified as Emergent Bilingual/English Learner	5828	3564	2779	48	3049	52	123	2	16	0	3.3	33	3.5	32	3.4	31	2.6	26	3.3	30
Monitored 1st Year, reclassified from EB/EL	9	3561	4	44	5	56	0	0	0	0	3.4	34	2.9	26	3.3	30	2.3	23	4.0	36
Monitored 2nd Year, reclassified from EB/EL	7	3551	5	71	2	29	0	0	0	0	2.3	23	3.1	29	3.9	35	2.4	24	4.0	36
Monitored 3rd Year, reclassified from EB/EL	11	3431	7	64	4	36	1	9	0	0	3.2	32	3.8	35	2.7	25	2.4	24	3.0	27
Monitored 4th Year, reclassified from EB/EL	32	3661	13	41	19	59	2	6	0	0	3.5	35	4.0	37	4.2	38	3.0	30	3.7	34
Former EB/EL (Post Monitoring)	129	3563	61	47	68	53	0	0	0	0	3.1	31	3.6	33	3.5	32	2.4	24	3.5	32
Non-Emergent Bilingual/Non-English Learner	7084	3612	2708	38	4376	62	263	4	5	0	3.3	33	3.8	35	3.8	34	2.8	28	3.5	32
No Information Provided	164	3376	82	50	82	50	5	3	1	1	3.1	31	3.2	29	3.0	28	2.2	22	3.1	28
Bilingual *Participants*	43	3544	25	58	18	42	0	0	0	0	3.2	32	3.5	32	3.2	29	2.6	26	3.2	29
Nonparticipants	12984	3591	5517	42	7467	58	387	3	21	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
No Information Provided	237	3430	117	49	120	51	7	3	1	0	3.1	31	3.3	30	3.2	29	2.2	22	3.2	29
ESL *Participants*	4498	3563	2159	48	2339	52	99	2	13	0	3.3	33	3.5	32	3.4	31	2.6	26	3.3	30
Nonparticipants	8572	3605	3407	40	5165	60	290	3	8	0	3.3	33	3.8	34	3.7	34	2.8	28	3.5	32
No Information Provided	194	3412	93	48	101	52	5	3	1	1	3.1	31	3.3	30	3.1	28	2.3	23	3.1	29
Special Education *Yes*	3246	3558	1580	49	1666	51	61	2	4	0	3.3	33	3.5	32	3.5	31	2.6	26	3.1	28
No	9817	3600	3980	41	5837	59	329	3	17	0	3.3	33	3.7	34	3.7	33	2.7	27	3.5	32
No Information Provided	201	3458	99	49	102	51	4	2	1	0	3.1	31	3.3	30	3.2	29	2.3	23	3.1	29
Section 504 *Yes*	1544	3597	622	40	922	60	52	3	1	0	3.3	33	3.8	34	3.7	33	2.7	27	3.4	31
No	11474	3590	4913	43	6561	57	337	3	20	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
No Information Provided	246	3433	124	50	122	50	5	2	1	0	3.0	30	3.3	30	3.1	28	2.3	23	3.1	28
Gifted/Talented *Participants*	79	3729	20	25	59	75	12	15	2	3	3.6	36	4.1	38	4.5	41	3.3	33	4.4	40
Nonparticipants	13127	3587	5607	43	7520	57	381	3	20	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
No Information Provided	58	3493	32	55	26	45	1	2	0	0	3.3	33	3.2	29	3.2	29	2.4	24	3.2	29
At-Risk *Yes*	11826	3583	5139	43	6687	57	318	3	22	0	3.3	33	3.7	33	3.6	33	2.7	27	3.4	31
No	1403	3632	502	36	901	64	76	5	0	0	3.4	34	3.9	35	3.8	35	2.9	29	3.7	34
No Information Provided	35	3543	18	51	17	49	0	0	0	0	3.3	33	3.3	30	3.3	30	2.4	24	3.3	30