STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
Summary Report
Biology
All Students

STATEWIDE

Report Date: FALL 2022
Date of Testing: FALL 2022

Administration Summary	Number	Percent
Students Tested	65334	86
Students Not Tested		
Absent	8154	11
Other	2426	3
Total Documents Submitted	75914	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 Items Tested									
												10		10		10		10		10	
												Number of Items Correct									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		65334	3532	43311	66	22023	34	6726	10	2093	3	3.1	31	3.3	33	4.0	40	4.0	40	3.8	38
Male		36637	3512	25191	69	11446	31	3496	10	1112	3	3.1	31	3.2	32	3.9	39	3.9	39	3.8	38
Female		28607	3558	18052	63	10555	37	3228	11	981	3	3.2	32	3.4	34	4.2	42	4.2	42	3.9	39
No Information Provided		90	3419	68	76	22	24	2	2	0	0	2.6	26	2.9	29	3.5	35	3.5	35	3.5	35
Hispanic/Latino		44971	3526	29867	66	15104	34	4431	10	1215	3	3.1	31	3.3	33	4.0	40	4.0	40	3.8	38
American Indian or Alaska Native		179	3498	125	70	54	30	15	8	6	3	3.1	31	3.3	33	3.6	36	3.8	38	3.7	37
Asian		1178	3946	558	47	620	53	439	37	279	24	4.7	47	4.9	49	5.5	55	5.5	55	5.3	53
Black or African American		11180	3441	8234	74	2946	26	438	4	77	1	2.8	28	3.0	30	3.5	35	3.7	37	3.5	35
Native Hawaiian or Other Pacific Islander		151	3500	108	72	43	28	16	11	2	1	3.1	31	3.1	31	3.8	38	3.8	38	3.9	39
White		6487	3648	3672	57	2815	43	1236	19	469	7	3.6	36	3.6	36	4.6	46	4.6	46	4.4	44
Two or More Races		948	3596	569	60	379	40	145	15	45	5	3.4	34	3.5	35	4.3	43	4.2	42	4.3	43
No Information Provided		240	3434	178	74	62	26	6	3	0	0	2.8	28	3.0	30	3.4	34	3.6	36	3.3	33
Economically Disadvantaged	*Yes*	50405	3498	34619	69	15786	31	3932	8	943	2	3.0	30	3.2	32	3.8	38	3.9	39	3.7	37
	No	14549	3651	8419	58	6130	42	2776	19	1148	8	3.6	36	3.7	37	4.5	45	4.5	45	4.4	44
	No Information Provided	380	3455	273	72	107	28	18	5	2	1	2.8	28	3.0	30	3.7	37	3.7	37	3.5	35
Title I, Part A	*Participants*	39804	3538	26123	66	13681	34	4306	11	1304	3	3.2	32	3.3	33	4.0	40	4.0	40	3.9	39
	Nonparticipants	25162	3523	16922	67	8240	33	2401	10	788	3	3.1	31	3.2	32	4.0	40	4.0	40	3.8	38
	No Information Provided	368	3439	266	72	102	28	19	5	1	0	2.8	28	3.0	30	3.6	36	3.7	37	3.5	35
Migrant	*Yes*	485	3458	352	73	133	27	27	6	1	0	2.9	29	3.1	31	3.8	38	3.7	37	3.4	34
	No	64081	3533	42415	66	21666	34	6661	10	2091	3	3.2	32	3.3	33	4.0	40	4.0	40	3.8	38
	No Information Provided	768	3451	544	71	224	29	38	5	1	0	2.8	28	3.0	30	3.6	36	3.8	38	3.5	35
Identified as Emergent Bilingual/English Learner		26673	3448	19771	74	6902	26	1131	4	186	1	2.9	29	3.0	30	3.6	36	3.7	37	3.4	34
Monitored 1st Year, reclassified from EB/EL		31	4145	9	29	22	71	18	58	9	29	5.5	55	5.9	59	6.5	65	5.9	59	6.9	69
Monitored 2nd Year, reclassified from EB/EL		69	4038	16	23	53	77	29	42	14	20	5.0	50	4.8	48	6.3	63	6.1	61	6.2	62
Monitored 3rd Year, reclassified from EB/EL		190	3803	75	39	115	61	55	29	16	8	4.3	43	4.3	43	5.5	55	5.1	51	5.1	51
Monitored 4th Year, reclassified from EB/EL		444	3966	106	24	338	76	202	45	55	12	5.0	50	4.8	48	6.3	63	5.8	58	6.1	61
Former EB/EL (Post Monitoring)		2019	3920	733	36	1286	64	760	38	339	17	4.6	46	4.7	47	5.8	58	5.5	55	5.7	57
Non-Emergent Bilingual/Non-English Learner		35404	3566	22257	63	13147	37	4500	13	1473	4	3.3	33	3.4	34	4.2	42	4.2	42	4.1	41
No Information Provided		504	3467	344	68	160	32	31	6	1	0	2.9	29	3.1	31	3.7	37	3.9	39	3.5	35
Bilingual	*Participants*	92	3465	64	70	28	30	3	3	0	0	3.0	30	3.3	33	3.8	38	3.5	35	3.3	33
	Nonparticipants	64783	3533	42921	66	21862	34	6701	10	2091	3	3.2	32	3.3	33	4.0	40	4.0	40	3.8	38
	No Information Provided	459	3442	326	71	133	29	22	5	2	0	2.9	29	3.0	30	3.6	36	3.7	37	3.4	34
ESL	*Participants*	22262	3452	16441	74	5821	26	1022	5	172	1	2.9	29	3.0	30	3.6	36	3.7	37	3.4	34
	Nonparticipants	42658	3575	26578	62	16080	38	5683	13	1919	4	3.3	33	3.4	34	4.2	42	4.2	42	4.1	41
	No Information Provided	414	3448	292	71	122	29	21	5	2	0	2.9	29	3.0	30	3.6	36	3.8	38	3.4	34
Special Education	*Yes*	10876	3395	8846	81	2030	19	285	3	50	0	2.6	26	2.8	28	3.3	33	3.4	34	3.2	32
	No	53876	3560	34060	63	19816	37	6413	12	2042	4	3.3	33	3.4	34	4.1	41	4.2	42	4.0	40
	No Information Provided	582	3453	405	70	177	30	28	5	1	0	2.8	28	2.9	29	3.6	36	3.8	38	3.6	36
Section 504	*Yes*	8022	3496	5482	68	2540	32	644	8	154	2	3.0	30	3.1	31	3.9	39	3.9	39	3.8	38
	No	56594	3538	37320	66	19274	34	6049	11	1937	3	3.2	32	3.3	33	4.0	40	4.1	41	3.9	39
	No Information Provided	718	3450	509	71	209	29	33	5	2	0	2.8	28	3.0	30	3.6	36	3.8	38	3.5	35
Gifted/Talented	*Participants*	1570	4536	194	12	1376	88	1223	78	777	49	7.0	70	6.9	69	7.9	79	7.7	77	8.0	80
	Nonparticipants	62996	3508	42578	68	20418	32	5468	9	1314	2	3.1	31	3.2	32	3.9	39	3.9	39	3.7	37
	No Information Provided	768	3449	539	70	229	30	35	5	2	0	2.8	28	3.0	30	3.6	36	3.8	38	3.5	35
At-Risk	*Yes*	57156	3475	40129	70	17027	30	3438	6	593	1	2.9	29	3.1	31	3.7	37	3.8	38	3.6	36
	No	7869	3950	2966	38	4903	62	3272	42	1499	19	4.8	48	4.8	48	5.9	59	5.7	57	5.7	57
	No Information Provided	309	3467	216	70	93	30	16	5	1	0	2.8	28	3.0	30	3.7	37	3.8	38	3.6	36

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
Summary Report
Biology
First-Time Tested Students

STATEWIDE

Report Date: FALL 2022
Date of Testing: FALL 2022

Administration Summary	Number	Percent
Students Tested	14859	85
Students Not Tested		
Absent	2036	12
Other	512	3
Total Documents Submitted	17407	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 Items Tested									
												10		10		10		10		10	
												Number of Items Correct									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		14859	3942	4377	29	10482	71	6227	42	2085	14	4.7	47	4.7	47	6.1	61	5.7	57	5.9	59
Male		7575	3938	2393	32	5182	68	3191	42	1106	15	4.7	47	4.6	46	6.1	61	5.7	57	5.9	59
Female		7258	3947	1972	27	5286	73	3034	42	979	13	4.8	48	4.8	48	6.1	61	5.8	58	5.8	58
No Information Provided		26	3578	12	46	14	54	2	8	0	0	2.7	27	3.5	35	4.3	43	4.2	42	4.7	47
Hispanic/Latino		10093	3913	3024	30	7069	70	4081	40	1210	12	4.7	47	4.6	46	6.0	60	5.6	56	5.8	58
American Indian or Alaska Native		33	3925	11	33	22	67	14	42	6	18	4.8	48	4.8	48	5.9	59	5.4	54	5.8	58
Asian		579	4511	83	14	496	86	434	75	278	48	6.8	68	7.0	70	7.6	76	7.7	77	7.6	76
Black or African American		1729	3707	745	43	984	57	383	22	76	4	3.8	38	3.9	39	5.0	50	4.8	48	4.9	49
Native Hawaiian or Other Pacific Islander		33	3851	11	33	22	67	15	45	2	6	4.2	42	4.5	45	6.1	61	5.4	54	5.8	58
White		2050	4125	403	20	1647	80	1162	57	468	23	5.4	54	5.3	53	6.9	69	6.6	66	6.7	67
Two or More Races		287	4002	68	24	219	76	134	47	45	16	5.0	50	5.0	50	6.4	64	6.0	60	6.1	61
No Information Provided		55	3528	32	58	23	42	4	7	0	0	2.8	28	3.4	34	3.9	39	4.1	41	4.1	41
Economically Disadvantaged	*Yes*	10250	3844	3471	34	6779	66	3543	35	937	9	4.4	44	4.4	44	5.7	57	5.4	54	5.5	55
	No	4513	4171	862	19	3651	81	2669	59	1146	25	5.7	57	5.6	56	7.0	70	6.6	66	6.7	67
	No Information Provided	96	3641	44	46	52	54	15	16	2	2	3.2	32	3.6	36	4.6	46	4.9	49	4.7	47
Title I, Part A	*Participants*	9583	3938	2803	29	6780	71	4004	42	1301	14	4.8	48	4.7	47	6.1	61	5.7	57	5.9	59
	Nonparticipants	5181	3956	1528	29	3653	71	2209	43	783	15	4.7	47	4.8	48	6.1	61	5.8	58	5.9	59
	No Information Provided	95	3581	46	48	49	52	14	15	1	1	3.2	32	3.5	35	4.4	44	4.7	47	4.4	44
Migrant	*Yes*	101	3608	54	53	47	47	19	19	1	1	3.4	34	3.5	35	4.6	46	4.4	44	4.3	43
	No	14594	3948	4240	29	10354	71	6187	42	2083	14	4.8	48	4.7	47	6.1	61	5.8	58	5.9	59
	No Information Provided	164	3590	83	51	81	49	21	13	1	1	3.2	32	3.4	34	4.5	45	4.7	47	4.3	43
Identified as Emergent Bilingual/English Learner		4138	3697	1870	45	2268	55	962	23	185	4	3.9	39	3.9	39	5.0	50	4.7	47	4.7	47
Monitored 1st Year, reclassified from EB/EL		21	4499	1	5	20	95	18	86	9	43	6.8	68	7.3	73	8.3	83	7.1	71	8.5	85
Monitored 2nd Year, reclassified from EB/EL		41	4410	2	5	39	95	29	71	14	34	6.2	62	6.3	63	8.0	80	7.5	75	7.8	78
Monitored 3rd Year, reclassified from EB/EL		74	4256	4	5	70	95	52	70	16	22	6.2	62	6.3	63	7.5	75	7.0	70	7.2	72
Monitored 4th Year, reclassified from EB/EL		320	4138	38	12	282	88	197	62	55	17	5.7	57	5.5	55	7.1	71	6.5	65	6.9	69
Former EB/EL (Post Monitoring)		1021	4357	77	8	944	92	739	72	337	33	6.4	64	6.2	62	7.7	77	7.2	72	7.7	77
Non-Emergent Bilingual/Non-English Learner		9120	3999	2320	25	6800	75	4212	46	1468	16	4.9	49	4.9	49	6.4	64	6.0	60	6.2	62
No Information Provided		124	3572	65	52	59	48	18	15	1	1	3.2	32	3.4	34	4.5	45	4.8	48	4.2	42
Bilingual	*Participants*	11	3594	5	45	6	55	3	27	0	0	3.6	36	4.0	40	4.5	45	3.7	37	4.4	44
	Nonparticipants	14715	3946	4299	29	10416	71	6209	42	2083	14	4.8	48	4.7	47	6.1	61	5.8	58	5.9	59
	No Information Provided	133	3546	73	55	60	45	15	11	2	2	3.1	31	3.3	33	4.2	42	4.5	45	4.1	41
ESL	*Participants*	3656	3706	1627	45	2029	55	880	24	172	5	3.9	39	4.0	40	5.0	50	4.8	48	4.7	47
	Nonparticipants	11083	4024	2682	24	8401	76	5333	48	1911	17	5.0	50	5.0	50	6.5	65	6.1	61	6.3	63
	No Information Provided	120	3541	68	57	52	43	14	12	2	2	3.1	31	3.3	33	4.2	42	4.5	45	4.0	40
Special Education	*Yes*	1619	3589	938	58	681	42	257	16	50	3	3.3	33	3.5	35	4.4	44	4.3	43	4.3	43
	No	13120	3989	3384	26	9736	74	5955	45	2034	16	4.9	49	4.9	49	6.3	63	5.9	59	6.1	61
	No Information Provided	120	3582	55	46	65	54	15	13	1	1	3.2	32	3.3	33	4.5	45	4.7	47	4.6	46
Section 504	*Yes*	1434	3891	416	29	1018	71	572	40	150	10	4.5	45	4.4	44	6.1	61	5.7	57	5.8	58
	No	13269	3951	3886	29	9383	71	5635	42	1933	15	4.8	48	4.8	48	6.1	61	5.8	58	5.9	59
	No Information Provided	156	3600	75	48	81	52	20	13	2	1	3.1	31	3.5	35	4.6	46	4.8	48	4.3	43
Gifted/Talented	*Participants*	1306	4751	21	2	1285	98	1210	93	777	59	7.8	78	7.7	77	8.7	87	8.4	84	8.8	88
	Nonparticipants	13378	3868	4267	32	9111	68	4996	37	1306	10	4.5	45	4.4	44	5.8	58	5.5	55	5.6	56
	No Information Provided	175	3563	89	51	86	49	21	12	2	1	3.1	31	3.4	34	4.4	44	4.6	46	4.3	43
At-Risk	*Yes*	10274	3769	3855	38	6419	62	2983	29	586	6	4.1	41	4.1	41	5.4	54	5.1	51	5.2	52
	No	4505	4340	487	11	4018	89	3232	72	1498	33	6.3	63	6.2	62	7.6	76	7.2	72	7.5	75
	No Information Provided	80	3653	35	44	45	56	12	15	1	1	3.1	31	3.7	37	4.7	47	4.9	49	4.9	49

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
Summary Report
Biology
Retested Students

STATEWIDE

Report Date: FALL 2022
Date of Testing: FALL 2022

Administration Summary	Number	Percent
Students Tested	50475	86
Students Not Tested		
Absent	6118	10
Other	1914	3
Total Documents Submitted	58507	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 Items Tested									
												10		10		10		10		10	
												Number of Items Correct									
				#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students		50475	3411	38934	77	11541	23	499	1	8	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
Male		29062	3401	22798	78	6264	22	305	1	6	0	2.7	27	2.8	28	3.3	33	3.4	34	3.3	33
Female		21349	3426	16080	75	5269	25	194	1	2	0	2.7	27	2.9	29	3.5	35	3.6	36	3.2	32
No Information Provided		64	3355	56	88	8	13	0	0	0	0	2.5	25	2.6	26	3.2	32	3.2	32	3.0	30
Hispanic/Latino		34878	3414	26843	77	8035	23	350	1	5	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
American Indian or Alaska Native		146	3402	114	78	32	22	1	1	0	0	2.7	27	3.0	30	3.1	31	3.4	34	3.3	33
Asian		599	3399	475	79	124	21	5	1	1	0	2.6	26	2.8	28	3.4	34	3.5	35	3.0	30
Black or African American		9451	3393	7489	79	1962	21	55	1	1	0	2.6	26	2.8	28	3.3	33	3.5	35	3.2	32
Native Hawaiian or Other Pacific Islander		118	3402	97	82	21	18	1	1	0	0	2.8	28	2.7	27	3.2	32	3.4	34	3.4	34
White		4437	3428	3269	74	1168	26	74	2	1	0	2.7	27	2.8	28	3.5	35	3.6	36	3.4	34
Two or More Races		661	3420	501	76	160	24	11	2	0	0	2.7	27	2.9	29	3.4	34	3.5	35	3.5	35
No Information Provided		185	3406	146	79	39	21	2	1	0	0	2.8	28	2.9	29	3.3	33	3.4	34	3.1	31
Economically Disadvantaged	*Yes*	40155	3410	31148	78	9007	22	389	1	6	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No	10036	3417	7557	75	2479	25	107	1	2	0	2.7	27	2.8	28	3.4	34	3.6	36	3.3	33
	No Information Provided	284	3392	229	81	55	19	3	1	0	0	2.7	27	2.8	28	3.4	34	3.3	33	3.2	32
Title I, Part A	*Participants*	30221	3412	23320	77	6901	23	302	1	3	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	Nonparticipants	19981	3410	15394	77	4587	23	192	1	5	0	2.7	27	2.8	28	3.4	34	3.5	35	3.3	33
	No Information Provided	273	3389	220	81	53	19	5	2	0	0	2.7	27	2.9	29	3.3	33	3.3	33	3.1	31
Migrant	*Yes*	384	3419	298	78	86	22	8	2	0	0	2.7	27	3.0	30	3.5	35	3.5	35	3.2	32
	No	49487	3411	38175	77	11312	23	474	1	8	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No Information Provided	604	3413	461	76	143	24	17	3	0	0	2.7	27	2.8	28	3.4	34	3.5	35	3.3	33
Identified as Emergent Bilingual/English Learner		22535	3402	17901	79	4634	21	169	1	1	0	2.7	27	2.9	29	3.3	33	3.5	35	3.1	31
Monitored 1st Year, reclassified from EB/EL		10	3401	8	80	2	20	0	0	0	0	2.9	29	3.1	31	2.7	27	3.2	32	3.6	36
Monitored 2nd Year, reclassified from EB/EL		28	3494	14	50	14	50	0	0	0	0	3.2	32	2.6	26	3.9	39	4.1	41	3.8	38
Monitored 3rd Year, reclassified from EB/EL		116	3513	71	61	45	39	3	3	0	0	3.1	31	3.0	30	4.3	43	3.9	39	3.8	38
Monitored 4th Year, reclassified from EB/EL		124	3523	68	55	56	45	5	4	0	0	3.2	32	3.0	30	4.3	43	3.9	39	3.9	39
Former EB/EL (Post Monitoring)		998	3473	656	66	342	34	21	2	2	0	2.7	27	3.0	30	3.8	38	3.8	38	3.6	36
Non-Emergent Bilingual/Non-English Learner		26284	3415	19937	76	6347	24	288	1	5	0	2.7	27	2.8	28	3.4	34	3.5	35	3.3	33
No Information Provided		380	3433	279	73	101	27	13	3	0	0	2.8	28	3.0	30	3.5	35	3.6	36	3.3	33
Bilingual	*Participants*	81	3448	59	73	22	27	0	0	0	0	3.0	30	3.3	33	3.7	37	3.4	34	3.1	31
	Nonparticipants	50068	3411	38622	77	11446	23	492	1	8	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No Information Provided	326	3399	253	78	73	22	7	2	0	0	2.8	28	2.9	29	3.3	33	3.4	34	3.2	32
ESL	*Participants*	18606	3402	14814	80	3792	20	142	1	0	0	2.7	27	2.9	29	3.3	33	3.5	35	3.1	31
	Nonparticipants	31575	3417	23896	76	7679	24	350	1	8	0	2.7	27	2.9	29	3.4	34	3.5	35	3.3	33
	No Information Provided	294	3409	224	76	70	24	7	2	0	0	2.8	28	2.9	29	3.4	34	3.4	34	3.2	32
Special Education	*Yes*	9257	3362	7908	85	1349	15	28	0	0	0	2.5	25	2.7	27	3.1	31	3.3	33	3.0	30
	No	40756	3422	30676	75	10080	25	458	1	8	0	2.7	27	2.9	29	3.5	35	3.6	36	3.3	33
	No Information Provided	462	3419	350	76	112	24	13	3	0	0	2.8	28	2.9	29	3.4	34	3.6	36	3.3	33
Section 504	*Yes*	6588	3410	5066	77	1522	23	72	1	4	0	2.7	27	2.8	28	3.4	34	3.5	35	3.3	33
	No	43325	3411	33434	77	9891	23	414	1	4	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No Information Provided	562	3409	434	77	128	23	13	2	0	0	2.7	27	2.9	29	3.3	33	3.5	35	3.3	33
Gifted/Talented	*Participants*	264	3475	173	66	91	34	13	5	0	0	2.8	28	3.0	30	3.9	39	3.9	39	3.7	37
	Nonparticipants	49618	3411	38311	77	11307	23	472	1	8	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No Information Provided	593	3416	450	76	143	24	14	2	0	0	2.8	28	2.8	28	3.4	34	3.5	35	3.3	33
At-Risk	*Yes*	46882	3410	36274	77	10608	23	455	1	7	0	2.7	27	2.9	29	3.4	34	3.5	35	3.2	32
	No	3364	3428	2479	74	885	26	40	1	1	0	2.7	27	2.9	29	3.6	36	3.6	36	3.4	34
	No Information Provided	229	3402	181	79	48	21	4	2	0	0	2.7	27	2.8	28	3.4	34	3.4	34	3.2	32