





# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

## Summary Report

### Biology

#### First-Time Tested Students

Report Date: SUMMER 2022  
Date of Testing: SUMMER 2022

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		
Students Tested	1634	88																				
Students Not Tested																						
Absent	84	5																				
Other	144	8																				
Total Documents Submitted	1862	100																				
Legend																						
--- = No Data Reported For Fewer Than Five Students																						
All Students			1634	3782	636	39	998	61	498	30	135	8	4.2	42	4.0	40	5.5	55	5.2	52	5.2	52
Male			811	3744	354	44	457	56	240	30	68	8	4.1	41	3.8	38	5.2	52	5.0	50	5.1	51
Female			806	3821	273	34	533	66	252	31	66	8	4.3	43	4.3	43	5.7	57	5.4	54	5.3	53
No Information Provided			17	3698	9	53	8	47	6	35	1	6	3.7	37	4.1	41	5.0	50	4.7	47	5.0	50
Hispanic/Latino			865	3722	375	43	490	57	220	25	47	5	4.0	40	3.8	38	5.2	52	5.0	50	4.9	49
American Indian or Alaska Native			7	4037	2	29	5	71	4	57	1	14	5.1	51	4.6	46	6.6	66	6.3	63	7.1	71
Asian			40	4365	5	13	35	88	28	70	16	40	6.5	65	6.5	65	7.8	78	7.2	72	7.1	71
Black or African American			273	3617	136	50	137	50	49	18	10	4	3.6	36	3.5	35	4.7	47	4.5	45	4.5	45
Native Hawaiian or Other Pacific Islander			2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White			342	3990	80	23	262	77	164	48	52	15	5.0	50	4.6	46	6.6	66	6.1	61	6.2	62
Two or More Races			47	3964	11	23	36	77	19	40	8	17	5.3	53	4.6	46	6.0	60	6.0	60	6.0	60
No Information Provided			58	3647	27	47	31	53	14	24	1	2	3.4	34	3.7	37	4.9	49	4.6	46	4.7	47
Economically Disadvantaged																						
Yes			1027	3669	481	47	546	53	219	21	36	4	3.7	37	3.6	36	4.9	49	4.7	47	4.7	47
No			544	4016	126	23	418	77	260	48	96	18	5.1	51	4.8	48	6.5	65	6.2	62	6.1	61
No Information Provided			63	3602	29	46	34	54	19	30	3	5	3.5	35	3.9	39	4.9	49	4.6	46	4.8	48
Title I, Part A																						
Participants			791	3692	363	46	428	54	171	22	39	5	3.9	39	3.7	37	4.9	49	4.8	48	4.8	48
Nonparticipants			759	3889	232	31	527	69	300	40	90	12	4.6	46	4.4	44	6.0	60	5.7	57	5.6	56
No Information Provided			84	3658	41	49	43	51	27	32	6	7	3.7	37	4.0	40	5.0	50	4.8	48	4.9	49
Migrant																						
Yes			8	3604	5	63	3	38	1	13	1	13	3.6	36	3.5	35	4.3	43	4.3	43	4.0	40
No			1428	3793	542	38	886	62	446	31	120	8	4.3	43	4.0	40	5.5	55	5.2	52	5.2	52
No Information Provided			198	3710	89	45	109	55	51	26	14	7	3.7	37	3.9	39	5.1	51	4.8	48	5.0	50
Identified as Emergent Bilingual/English Learner																						
Monitored 1st Year, reclassified from EB/EL			1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Monitored 2nd Year, reclassified from EB/EL			10	4002	2	20	8	80	5	50	1	10	5.7	57	4.7	47	6.5	65	6.2	62	6.0	60
Monitored 3rd Year, reclassified from EB/EL			10	3773	4	40	6	60	4	40	0	0	4.7	47	2.9	29	5.7	57	5.6	56	5.2	52
Monitored 4th Year, reclassified from EB/EL			9	3807	4	44	5	56	4	44	1	11	4.4	44	4.1	41	5.3	53	6.1	61	4.9	49
Former EB/EL (Post Monitoring)			52	4107	5	10	47	90	30	58	8	15	5.8	58	4.9	49	7.4	74	6.5	65	6.8	68
Non-Emergent Bilingual/Non-English Learner																						
No Information Provided			125	3677	54	43	71	57	38	30	11	9	3.8	38	4.0	40	5.2	52	4.9	49	5.0	50
Bilingual																						
Participants			3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nonparticipants			1497	3792	575	38	922	62	458	31	123	8	4.2	42	4.0	40	5.5	55	5.2	52	5.2	52
No Information Provided			134	3673	59	44	75	56	40	30	12	9	3.7	37	4.0	40	5.1	51	4.9	49	5.0	50
ESL																						
Participants			261	3517	168	64	93	36	28	11	0	0	3.2	32	3.3	33	4.1	41	4.0	40	3.7	37
Nonparticipants			1238	3849	410	33	828	67	428	35	123	10	4.4	44	4.2	42	5.8	58	5.5	55	5.5	55
No Information Provided			135	3681	58	43	77	57	42	31	12	9	3.8	38	4.0	40	5.2	52	5.0	50	5.0	50
Special Education																						
Yes			204	3484	133	65	71	35	20	10	3	1	3.1	31	3.1	31	4.0	40	3.8	38	3.9	39
No			1305	3830	454	35	851	65	437	33	122	9	4.4	44	4.1	41	5.7	57	5.4	54	5.4	54
No Information Provided			125	3766	49	39	76	61	41	33	10	8	3.8	38	4.3	43	5.6	56	5.0	50	5.2	52
Gifted/Talented																						
Participants			95	4486	8	8	87	92	76	80	44	46	7.1	71	6.5	65	8.1	81	7.7	77	7.8	78
Nonparticipants			1334	3747	539	40	795	60	362	27	78	6	4.0	40	3.9	39	5.3	53	5.1	51	5.0	50
No Information Provided			205	3684	89	43	116	57	60	29	13	6	3.7	37	3.9	39	5.2	52	4.9	49	5.0	50
At-Risk																						
Yes			1101	3653	495	45	606	55	219	20	28	3	3.7	37	3.5	35	4.9	49	4.7	47	4.6	46
No			432	4076	107	25	325	75	229	53	91	21	5.4	54	5.1	51	6.7	67	6.2	62	6.4	64
No Information Provided			101	3928	34	34	67	66	50	50	16	16	4.5	45	4.8	48	6.2	62	5.7	57	6.0	60



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## Summary Report

### Biology

#### Retested Students

Report Date: SUMMER 2022  
Date of Testing: SUMMER 2022

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			
Students Tested	27273	97																					
Students Not Tested																							
Absent	751	3																					
Other	152	1																					
Total Documents Submitted	28176	100																					
Legend			Number of Items Tested																				
--- = No Data Reported For Fewer Than Five Students			10		10		10		10		10		10		10		10		10		10		
			Number of Items Correct																				
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
<b>All Students</b>			27273	3425	20265	74	7008	26	337	1	14	0	2.8	28	2.9	29	3.5	35	3.5	35	3.3	33	
<b>Male</b>			15644	3408	11976	77	3668	23	201	1	7	0	2.8	28	2.9	29	3.4	34	3.4	34	3.3	33	
<b>Female</b>			11456	3447	8148	71	3308	29	135	1	7	0	2.9	29	3.0	30	3.6	36	3.6	36	3.3	33	
<b>No Information Provided</b>			173	3404	141	82	32	18	1	1	0	0	2.6	26	2.9	29	3.5	35	3.5	35	3.1	31	
<b>Hispanic/Latino</b>			18837	3428	14035	75	4802	25	210	1	6	0	2.8	28	3.0	30	3.5	35	3.5	35	3.3	33	
<b>American Indian or Alaska Native</b>			68	3482	48	71	20	29	4	6	0	0	3.3	33	3.3	33	3.8	38	3.7	37	3.3	33	
<b>Asian</b>			280	3434	199	71	81	29	6	2	1	0	2.8	28	3.0	30	3.6	36	3.7	37	3.2	32	
<b>Black or African American</b>			4868	3395	3750	77	1118	23	40	1	3	0	2.7	27	2.9	29	3.3	33	3.4	34	3.2	32	
<b>Native Hawaiian or Other Pacific Islander</b>			33	3402	24	73	9	27	0	0	0	0	2.8	28	2.6	26	3.2	32	3.8	38	3.2	32	
<b>White</b>			2432	3461	1659	68	773	32	67	3	4	0	2.9	29	3.0	30	3.7	37	3.7	37	3.5	35	
<b>Two or More Races</b>			322	3469	201	62	121	38	6	2	0	0	3.0	30	3.1	31	3.7	37	3.7	37	3.6	36	
<b>No Information Provided</b>			433	3340	349	81	84	19	4	1	0	0	2.6	26	2.7	27	3.3	33	3.3	33	3.0	30	
<b>Economically Disadvantaged</b>																							
			Yes	21299	3417	16065	75	5234	25	227	1	8	0	2.8	28	2.9	29	3.4	34	3.5	35	3.2	32
			No	5515	3456	3838	70	1677	30	109	2	6	0	2.9	29	3.0	30	3.7	37	3.7	37	3.4	34
			No Information Provided	459	3385	362	79	97	21	1	0	0	2.6	26	2.8	28	3.4	34	3.3	33	3.2	32	32
<b>Title I, Part A</b>																							
			Participants	18290	3423	13800	75	4490	25	221	1	10	0	2.8	28	2.9	29	3.4	34	3.5	35	3.3	33
			Nonparticipants	8461	3435	6042	71	2419	29	113	1	4	0	2.8	28	3.0	30	3.6	36	3.6	36	3.3	33
			No Information Provided	522	3301	423	81	99	19	3	1	0	2.5	25	2.7	27	3.2	32	3.2	32	3.0	30	30
<b>Migrant</b>																							
			Yes	201	3433	154	77	47	23	8	4	1	0	2.8	28	3.0	30	3.4	34	3.7	37	3.3	33
			No	25229	3428	18659	74	6570	26	316	1	13	0	2.8	28	3.0	30	3.5	35	3.5	35	3.3	33
			No Information Provided	1843	3375	1452	79	391	21	13	1	0	2.7	27	2.8	28	3.3	33	3.4	34	3.2	32	
<b>Identified as Emergent Bilingual/English Learner</b>																							
			Monitored 1st Year, reclassified from EB/EL	11700	3413	9044	77	2656	23	98	1	5	0	2.8	28	2.9	29	3.4	34	3.5	35	3.1	31
			Monitored 2nd Year, reclassified from EB/EL	40	3433	27	68	13	33	1	3	0	0	2.6	26	3.0	30	3.8	38	3.6	36	3.3	33
			Monitored 3rd Year, reclassified from EB/EL	78	3512	49	63	29	37	2	3	0	0	2.9	29	3.2	32	4.3	43	3.8	38	3.7	37
			Monitored 4th Year, reclassified from EB/EL	135	3500	87	64	48	36	1	1	0	0	3.1	31	3.1	31	3.9	39	3.7	37	3.7	37
			Former EB/EL (Post Monitoring)	160	3515	93	58	67	42	3	2	0	0	3.1	31	3.2	32	4.0	40	3.9	39	3.8	38
			Non-Emergent Bilingual/Non-English Learner	358	3477	225	63	133	37	7	2	0	0	2.9	29	3.0	30	3.8	38	3.9	39	3.5	35
			No Information Provided	14117	3435	10217	72	3900	28	219	2	9	0	2.8	28	3.0	30	3.6	36	3.6	36	3.4	34
<b>Bilingual</b>																							
			Participants	29	3463	20	69	9	31	2	7	0	0	2.9	29	2.6	26	3.9	39	4.0	40	3.3	33
			Nonparticipants	26430	3427	19617	74	6813	26	329	1	14	0	2.8	28	2.9	29	3.5	35	3.5	35	3.3	33
			No Information Provided	814	3348	628	77	186	23	6	1	0	0	2.6	26	2.8	28	3.3	33	3.3	33	3.2	32
<b>ESL</b>																							
			Participants	9733	3412	7531	77	2202	23	73	1	4	0	2.8	28	2.9	29	3.4	34	3.5	35	3.1	31
			Nonparticipants	16744	3435	12116	72	4628	28	258	2	10	0	2.8	28	3.0	30	3.6	36	3.6	36	3.4	34
			No Information Provided	796	3352	618	78	178	22	6	1	0	0	2.6	26	2.8	28	3.3	33	3.3	33	3.2	32
<b>Special Education</b>																							
			Yes	5606	3385	4575	82	1031	18	34	1	0	0	2.7	27	2.8	28	3.2	32	3.3	33	3.1	31
			No	20824	3436	15056	72	5768	28	295	1	14	0	2.8	28	3.0	30	3.6	36	3.6	36	3.3	33
			No Information Provided	843	3406	634	75	209	25	8	1	0	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
<b>Gifted/Talented</b>																							
			Participants	171	3520	104	61	67	39	12	7	2	1	3.3	33	3.1	31	3.9	39	4.0	40	3.8	38
			Nonparticipants	25263	3426	18797	74	6466	26	308	1	12	0	2.8	28	2.9	29	3.5	35	3.5	35	3.3	33
			No Information Provided	1839	3400	1364	74	475	26	17	1	0	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33
<b>At-Risk</b>																							
			Yes	23873	3417	17983	75	5890	25	241	1	5	0	2.8	28	2.9	29	3.4	34	3.5	35	3.2	32
			No	2812	3488	1843	66	969	34	91	3	9	0	3.0	30	3.2	32	3.9	39	3.8	38	3.6	36
			No Information Provided	588	3419	439	75	149	25	5	1	0	0	2.7	27	2.9	29	3.5	35	3.5	35	3.3	33