



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

Biology

First-Time Tested Students

Report Date: SPRING 2022
Date of Testing: SPRING 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	407991	98																					
Students Not Tested																							
Absent	7750	2																					
Other	809	0																					
Total Documents Submitted	416550	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																				
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
All Students			407991	4185	53800	13	354191	87	254875	62	100603	25	6.3	63	6.4	64	6.4	64	5.6	56	7.5	75	
Male			206762	4173	31005	15	175757	85	126509	61	51404	25	6.3	63	6.3	63	6.3	63	5.5	55	7.4	74	
Female			198261	4200	22284	11	175977	89	126677	64	48584	25	6.3	63	6.6	66	6.4	64	5.6	56	7.5	75	
No Information Provided			2968	4105	511	17	2457	83	1689	57	615	21	5.9	59	6.1	61	6.1	61	5.3	53	7.2	72	
Hispanic/Latino			212687	4066	34648	16	178039	84	117615	55	36763	17	5.9	59	6.0	60	6.0	60	5.2	52	7.1	71	
American Indian or Alaska Native			1264	4174	139	11	1125	89	775	61	279	22	6.2	62	6.3	63	6.4	64	5.6	56	7.5	75	
Asian			19420	4802	508	3	18912	97	17562	90	12554	65	8.1	81	8.4	84	7.9	79	7.4	74	9.0	90	
Black or African American			51412	3993	10148	20	41264	80	25198	49	7245	14	5.6	56	5.7	57	5.8	58	4.9	49	6.8	68	
Native Hawaiian or Other Pacific Islander			635	4180	70	11	565	89	405	64	154	24	6.4	64	6.5	65	6.4	64	5.5	55	7.5	75	
White			107748	4396	6324	6	101424	94	83811	78	39579	37	7.0	70	7.3	73	7.1	71	6.3	63	8.2	82	
Two or More Races			10604	4350	846	8	9758	92	7750	73	3579	34	6.8	68	7.0	70	6.9	69	6.1	61	8.1	81	
No Information Provided			4221	3902	1117	26	3104	74	1759	42	450	11	5.2	52	5.2	52	5.5	55	4.7	47	6.4	64	
Economically Disadvantaged																							
			Yes	225704	4021	40765	18	184939	82	116292	52	33834	15	5.7	57	5.8	58	5.9	59	5.0	50	6.9	69
			No	177707	4400	12009	7	165698	93	136430	77	66159	37	7.0	70	7.3	73	7.0	70	6.3	63	8.2	82
			No Information Provided	4580	3962	1026	22	3554	78	2153	47	610	13	5.4	54	5.5	55	5.7	57	4.8	48	6.6	66
Title I, Part A																							
			Participants	182680	4051	31148	17	151532	83	98521	54	30221	17	5.8	58	5.9	59	6.0	60	5.1	51	7.0	70
			Nonparticipants	216859	4298	21344	10	195515	90	151154	70	68168	31	6.6	66	6.9	69	6.7	67	5.9	59	7.9	79
			No Information Provided	8452	4193	1308	15	7144	85	5200	62	2214	26	6.2	62	6.4	64	6.5	65	5.5	55	7.4	74
Migrant																							
			Yes	1274	3871	345	27	929	73	511	40	112	9	5.1	51	5.1	51	5.4	54	4.6	46	6.2	62
			No	377350	4186	49068	13	328282	87	236328	63	92926	25	6.3	63	6.4	64	6.4	64	5.6	56	7.5	75
			No Information Provided	29367	4189	4387	15	24980	85	18036	61	7565	26	6.2	62	6.4	64	6.4	64	5.5	55	7.4	74
Identified as Emergent Bilingual/English Learner																							
			Monitored 1st Year, reclassified from EB/EL	72538	3825	21171	29	51367	71	25469	35	5133	7	5.0	50	5.0	50	5.2	52	4.4	44	5.9	59
			Monitored 2nd Year, reclassified from EB/EL	1102	4334	61	6	1041	94	840	76	336	30	6.8	68	7.1	71	6.9	69	6.1	61	8.2	82
			Monitored 3rd Year, reclassified from EB/EL	3730	4318	118	3	3612	97	2883	77	1040	28	6.8	68	7.1	71	6.9	69	6.0	60	8.3	83
			Monitored 4th Year, reclassified from EB/EL	4057	4302	198	5	3859	95	3027	75	1128	28	6.7	67	7.0	70	6.8	68	6.0	60	8.1	81
			Former EB/EL (Post Monitoring)	7389	4297	360	5	7029	95	5516	75	1991	27	6.8	68	6.9	69	6.8	68	6.0	60	8.1	81
			Non-Emergent Bilingual/Non-English Learner	19076	4439	598	3	18478	97	15552	82	7110	37	7.2	72	7.4	74	7.2	72	6.4	64	8.5	85
			No Information Provided	289588	4253	29606	10	259982	90	195410	67	81407	28	6.5	65	6.7	67	6.6	66	5.8	58	7.8	78
Bilingual																							
			Participants	1141	4313	72	6	1069	94	821	72	348	30	6.8	68	7.0	70	6.8	68	6.0	60	8.0	80
			Nonparticipants	395206	4186	51785	13	343421	87	247334	63	97612	25	6.3	63	6.4	64	6.4	64	5.6	56	7.5	75
			No Information Provided	11644	4135	1943	17	9701	83	6720	58	2643	23	6.0	60	6.1	61	6.3	63	5.4	54	7.2	72
ESL																							
			Participants	59494	3826	17632	30	41862	70	20942	35	4421	7	5.0	50	5.0	50	5.2	52	4.4	44	5.9	59
			Nonparticipants	336493	4250	34226	10	302267	90	226841	67	93269	28	6.5	65	6.7	67	6.6	66	5.8	58	7.7	77
			No Information Provided	12004	4163	1942	16	10062	84	7092	59	2913	24	6.1	61	6.2	62	6.4	64	5.4	54	7.3	73
Special Education																							
			Yes	35994	3697	14872	41	21122	59	8497	24	1900	5	4.4	44	4.3	43	4.8	48	4.0	40	5.2	52
			No	354159	4233	36571	10	317588	90	234927	66	93866	27	6.5	65	6.6	66	6.5	65	5.7	57	7.7	77
			No Information Provided	17838	4220	2357	13	15481	87	11451	64	4837	27	6.3	63	6.6	66	6.5	65	5.6	56	7.6	76
Gifted/Talented																							
			Participants	41319	4819	300	1	41019	99	39118	95	27367	66	8.3	83	8.6	86	8.1	81	7.5	75	9.3	93
			Nonparticipants	338531	4114	48970	14	289561	86	199394	59	67359	20	6.0	60	6.2	62	6.2	62	5.4	54	7.3	73
			No Information Provided	28141	4113	4530	16	23611	84	16363	58	5877	21	6.0	60	6.2	62	6.2	62	5.3	53	7.2	72
At-Risk																							
			Yes	216477	3923	45825	21	170652	79	95152	44	20222	9	5.3	53	5.4	54	5.6	56	4.7	47	6.5	65
			No	172098	4485	6309	4	165789	96	144948	84	72336	42	7.4	74	7.6	76	7.3	73	6.5	65	8.6	86
			No Information Provided	19416	4447	1666	9	17750	91	14775	76	8045	41	7.0	70	7.3	73	7.2	72	6.3	63	8.2	82



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Biology

Retested Students

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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	38164	88																				
Students Not Tested																						
Absent	3796	9																				
Other	1295	3																				
Total Documents Submitted	43255	100																				
Legend													Number of Items Tested									
--- = No Data Reported For Fewer Than Five Students													10		10		10		10		10	
												Number of Items Correct										
			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students	38164	3446	24366	64	13798	36	1186	3	58	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
Male	21592	3435	14160	66	7432	34	694	3	38	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
Female	16286	3461	10014	61	6272	39	485	3	20	0	3.3	33	3.3	33	3.9	39	3.1	31	4.1	41	41	
No Information Provided	286	3423	192	67	94	33	7	2	0	0	3.2	32	3.1	31	3.8	38	3.0	30	3.8	38	38	
Hispanic/Latino	26477	3448	16892	64	9585	36	814	3	41	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
American Indian or Alaska Native	121	3433	84	69	37	31	1	1	0	0	3.2	32	3.2	32	3.8	38	3.0	30	3.9	39	39	
Asian	484	3463	309	64	175	36	27	6	2	0	3.4	34	3.3	33	3.8	38	3.1	31	4.1	41	41	
Black or African American	6945	3430	4564	66	2381	34	186	3	11	0	3.3	33	3.2	32	3.8	38	2.9	29	4.0	40	40	
Native Hawaiian or Other Pacific Islander	46	3475	28	61	18	39	3	7	0	0	3.2	32	3.3	33	4.2	42	3.4	34	3.8	38	38	
White	2920	3469	1753	60	1167	40	114	4	2	0	3.4	34	3.4	34	4.0	40	3.1	31	4.2	42	42	
Two or More Races	497	3457	297	60	200	40	14	3	1	0	3.4	34	3.3	33	3.9	39	3.0	30	4.2	42	42	
No Information Provided	674	3426	439	65	235	35	27	4	1	0	3.3	33	3.1	31	3.8	38	3.0	30	3.9	39	39	
Economically Disadvantaged																						
Yes	30119	3444	19392	64	10727	36	884	3	46	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
No	7489	3458	4612	62	2877	38	283	4	11	0	3.3	33	3.3	33	3.9	39	3.0	30	4.1	41	41	
No Information Provided	556	3429	362	65	194	35	19	3	1	0	3.3	33	3.1	31	3.8	38	3.0	30	3.9	39	39	
Title I, Part A																						
Participants	24142	3445	15556	64	8586	36	721	3	34	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
Nonparticipants	13345	3450	8373	63	4972	37	437	3	22	0	3.3	33	3.2	32	3.9	39	3.0	30	4.1	41	41	
No Information Provided	677	3417	437	65	240	35	28	4	2	0	3.2	32	3.1	31	3.8	38	3.0	30	4.0	40	40	
Migrant																						
Yes	320	3454	204	64	116	36	13	4	1	0	3.5	35	3.1	31	3.8	38	3.0	30	4.0	40	40	
No	35057	3448	22298	64	12759	36	1106	3	54	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
No Information Provided	2787	3418	1864	67	923	33	67	2	3	0	3.2	32	3.1	31	3.7	37	2.9	29	3.9	39	39	
Identified as Emergent Bilingual/English Learner	16742	3426	11380	68	5362	32	406	2	24	0	3.2	32	3.2	32	3.6	36	2.9	29	3.8	38	38	
Monitored 1st Year, reclassified from EB/EL	17	3497	10	59	7	41	1	6	0	0	3.4	34	2.8	28	4.5	45	3.3	33	4.5	45	45	
Monitored 2nd Year, reclassified from EB/EL	102	3541	47	46	55	54	4	4	0	0	3.4	34	3.5	35	4.3	43	3.4	34	4.7	47	47	
Monitored 3rd Year, reclassified from EB/EL	158	3529	78	49	80	51	9	6	1	1	3.5	35	3.6	36	4.2	42	3.5	35	4.4	44	44	
Monitored 4th Year, reclassified from EB/EL	152	3518	72	47	80	53	7	5	0	0	3.6	36	3.4	34	4.3	43	3.2	32	4.5	45	45	
Former EB/EL (Post Monitoring)	773	3509	398	51	375	49	39	5	1	0	3.4	34	3.4	34	4.2	42	3.3	33	4.6	46	46	
Non-Emergent Bilingual/Non-English Learner	19173	3462	11672	61	7501	39	681	4	30	0	3.4	34	3.2	32	3.9	39	3.0	30	4.2	42	42	
No Information Provided	1047	3407	709	68	338	32	39	4	2	0	3.2	32	3.0	30	3.8	38	2.9	29	3.9	39	39	
Bilingual																						
Participants	39	3576	18	46	21	54	3	8	0	0	4.2	42	3.4	34	4.2	42	3.7	37	4.7	47	47	
Nonparticipants	37032	3447	23636	64	13396	36	1142	3	55	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
No Information Provided	1093	3419	712	65	381	35	41	4	3	0	3.2	32	3.1	31	3.8	38	3.0	30	4.0	40	40	
ESL																						
Participants	14138	3424	9652	68	4486	32	327	2	18	0	3.2	32	3.2	32	3.6	36	2.9	29	3.8	38	38	
Nonparticipants	22988	3461	14037	61	8951	39	820	4	37	0	3.4	34	3.3	33	3.9	39	3.1	31	4.2	42	42	
No Information Provided	1038	3417	677	65	361	35	39	4	3	0	3.2	32	3.1	31	3.8	38	3.0	30	3.9	39	39	
Special Education																						
Yes	6466	3379	4849	75	1617	25	63	1	8	0	3.0	30	3.0	30	3.5	35	2.8	28	3.6	36	36	
No	29942	3461	18385	61	11557	39	1071	4	47	0	3.4	34	3.3	33	3.9	39	3.1	31	4.1	41	41	
No Information Provided	1756	3440	1132	64	624	36	52	3	3	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
Gifted/Talented																						
Participants	197	3530	96	49	101	51	11	6	1	1	3.5	35	3.5	35	4.4	44	3.2	32	4.8	48	48	
Nonparticipants	35194	3447	22459	64	12735	36	1097	3	52	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
No Information Provided	2773	3430	1811	65	962	35	78	3	5	0	3.2	32	3.2	32	3.8	38	3.0	30	4.0	40	40	
At-Risk																						
Yes	34829	3443	22379	64	12450	36	1023	3	50	0	3.3	33	3.2	32	3.8	38	3.0	30	4.0	40	40	
No	2381	3487	1389	58	992	42	122	5	5	0	3.5	35	3.3	33	4.0	40	3.2	32	4.3	43	43	
No Information Provided	954	3453	598	63	356	37	41	4	3	0	3.3	33	3.3	33	3.9	39	3.0	30	4.1	41	41	