Explanation of the 2011 PBMAS State Longitudinal Report

Indicator: The Performance-Based Monitoring Analysis System (PBMAS) reports performance and program effectiveness on a variety of indicators. Detailed information on the indicators can be found in each year's PBMAS Manual, available at http://www.tea.state.tx.us/pbm/PBMASManuals.aspx.

2011 Standard: This is the established level of performance used to evaluate performance and program effectiveness.

2011 State Rate: This represents the performance of the state as a whole on a particular indicator (c/d=b).

2011 Numerator: The number of events observed in a particular indicator (e.g. the number of students passing a TAKS subject-area test).

2011 Denominator: This represents the total population evaluated in a particular indicator (e.g. the number of students taking the TAKS subject-area test).

Performance Level: The result that occurs when a standard is applied to a group's performance on an indicator. PBMAS performance levels range from 0 (Met Standard) to 3.

2009-2011 Change: This represents the change in the state rates from 2009 – 2011 (f-h = i).

TEXAS EDUCATION AGENCY
2011 PERFORMANCE-BASED MONITORING ANALYSIS SYSTEM
STATE LONGITUDINAL REPORT

Bilingual Education/English as a Second Language

INDICATOR	(a) 2011 STANDARD (%)	(b) 2011 STATE RATE	(c) 2011 NUMERATOR	(d) 2011 DENOMINATOR	(e) 2011 PERFORMANCE LEVEL	(f) 2011 STATE RATE	(g) 2010 STATE RATE	(h) 2009 STATE RATE	(i) 2009 - 2011 CHANGE*
1. BE ENGLISH TAKS PASSING RATE									
(i) MATHEMATICS	65.0	86.6	114,863	132,631	0	86.6	85.3	82.1	4.5
(ii) READING/ELA	70.0	79.2	80,804	102,045	0	79.2	79.6	75.3	3.9
(iii) SCIENCE	60.0	71.5	25,237	35,297	0	71.5	73.1	64.7	6.8
(iv) SOCIAL STUDIES	70.0	94.3	743	788	0	94.3	93.2	92.7	1.6
(v) WRITING	70.0	87.4	27,723	31,709	0	87.4	88.3		
2. ESL ENGLISH TAKS PASSING RATE									
(i) MATHEMATICS	65.0	67.6	118,34		6		66.7		
(ii) READING/ELA	70.0	65.5	114,55		5		66.1		
(iii) SCIENCE	60.0	49.2	27,96		2		48.8		
(iv) SOCIAL STUDIES	70.0	80.1	34,97				78.4		
(v) WRITING	70.0	81.0	37,89		0		82.0		
3. BE SPANISH TAKS PASSING RATE									
(i) MATHEMATICS	65.0	75.7	25,41		7		72.8	65.8	9.9
(ii) READING	70.0	85.1	54,68		1		84.2	82.5	2.6
(iii) SCIENCE	60.0	58.3	1,74		3		52.7	44.1	14.2
(iv) WRITING	70.0	93.0	21,260	22,852	0	93.0	93.8	91.6	1.4
4. ESL SPANISH TAKS PASSING RATE									
(i) MATHEMATICS	65.0	40.0	28	70	3	40.0	64.0	56.5	-16.5
(ii) READING	70.0	77.6	142	183	0	77.6	82.7	74.9	2.7
(iii) SCIENCE	60.0	34.8	8	23	Not Assigned	34.8	30.4	33.3	1.5
(iv) WRITING	70.0	81.3	52	64	0	81.3	87.8	75.8	5.5
5. LEP (NOT SERVED IN BE/ESL) TAKS PASSING RATE									
(i) MATHEMATICS	65.0	75.9	21,398	28,186	0	75.9	74.0	68.9	7.0
(ii) READING/ELA	70.0	76.6	21,656	28,283	0	76.6	77.2	70.7	5.9
(iii) SCIENCE	60.0	63.2	5,185	8,202	0	63.2	58.6	49.2	14.0
(iv) SOCIAL STUDIES	70.0	80.3	3,391	4,225	0	80.3	78.2	70.1	10.2
(v) WRITING	70.0	84.4	6,693	7,927	0	84.4	86.4	82.6	1.8
6. LEP YEAR-AFTER-EXIT ENGLISH TAKS PASSING RATE									
(i) MATHEMATICS	65.0	88.5	70,575	79,771	0	88.5	87.9	84.9	3.6
(ii) READING/ELA	70.0	91.4	72,952	79,850	0	91.4	91.0	87.1	4.3
(iii) SCIENCE	60.0	82.7	30,881	37,328	0	82.7	83.6	75.5	7.2
(iv) SOCIAL STUDIES	70.0	93.2	14,364	15,419	0	93.2	91.9	86.0	7.2
(v) WRITING	70.0	96.4	21,833	22,653	0	96.4	96.2	95.0	1.4

*FOR TAKS PERFORMANCE INDICATORS: To ensure comparability across years, the 2009 and 2010 state rates for all applicable TAKS performance indicators were recalculated to include TAKS(Accommodated), TAKS-M, and TAKS-Alt results for all grades and subjects and exclude results for Grade 6 Spanish TAKS and the second administration of Grade 3 TAKS reading.

Detailed information on each of the indicators above can be found in the 'PBMAS 2011 Manual' at http://www.tea.state.tx.us/pbm/PBMASManuals.aspx