



Title III
Annual Measurable
Achievement
Objectives (AMAO)
Calculations

Source of Data Used for AMAO I & AMAO 2

- 2006 MAC II data
- 2007 MAC II data
- 2008 MAC II data

Students coded as..

- LEP Receiving Services
- LEP Not Receiving Services

..are included in
AMA0 1 & 2 calculations.

Monitored students are not included in
AMA0 1 & 2 calculations



AMAO I – Making Progress

Student has 2 data points

- Current Year Scores
- Prior Year Scores

RAW Scores are used

- Reading Raw Score
- Writing Raw Score
- Listening Raw Score
- Speaking Raw Score

Progress is made if...

- Reading Raw Score in the current year is greater than prior year; or
- Writing Raw Score in the current year is greater than prior year; or
- Listening Raw Score in the current year is greater than prior year; or
- Speaking Raw Score in the current year is greater than prior year.

Example of Student Making Progress

Reading Raw Score

Student Name	Current Year	Prior Year	Progress Made
Jane Smith	38	35	Yes

Writing Raw Score

Student Name	Current Year	Prior Year	Progress Made
Jane Smith	25	28	No

Listening Raw Score

Student Name	Current Year	Prior Year	Progress Made
Jane Smith	34	30	Yes

Speaking Raw Score

Student Name	Current Year	Prior Year	Progress Made
Jane Smith	28	30	No

AMAO I Percent Calculation

of LEP Students Making Progress

divided by

of LEP Students who took the
assessment in the current year
and prior year

=

% of students making progress

Example AMAO I Percent Calculation

County District Code	District Name	# of Accountable Students	# of Students Making Progress	% of Students Making Progress
000-000	ABC District	130	128	98.5%

AMAO I – Met/Not Met

- 2007 AMAO Target – 78%
- 2008 AMAO Target – 79%

Year	County District Code	District Name	# of Accountable Students	# of Students Making Progress	% of Students Making Progress	AMAO I Met/ Not Met
2007	000-000	ABC District	130	128	98.5%	Met
2008	000-000	ABC District	150	145	96.7%	Met



AMAO 2 – Attained Proficiency

Overall Achievement Level used

- Reading Achievement Level = Advanced
- Writing Achievement Level = Advanced
- Speaking Achievement Level = Advanced
- Listening Achievement Level = Advanced

- Overall Achievement Level = Advanced

AMAO 2 Percent Calculation

$$\begin{aligned} & \# \text{ of LEP Students scoring Proficient} \\ & \quad \text{divided by} \\ & \# \text{ of LEP Students who took the} \\ & \quad \text{assessment in current year} \\ & \quad = \\ & \% \text{ of LEP Students scoring Proficient} \end{aligned}$$

Example AMAO 2 Percent Calculation

County District Code	District Name	# of Accountable Students	# of Students Proficient	% of Students Proficient
000-000	ABC District	140	30	21.4%

AMAO 2 – Met/Not Met

- 2007 AMAO Target – 15%
- 2008 AMAO Target – 16%

Year	County District Code	District Name	# of Accountable Students	# of Students Making Progress	% of Students Making Progress	AMAO I Met/ Not Met
2007	000-000	ABC District	140	30	21.4%	Met
2008	000-000	ABC District	170	40	23.5%	Met



AMAO 3 – AYP Subgroup

AMAO 3 Calculation

- For AYP LEP subgroup calculations, please review the Understanding Your AYP document located at: <http://dese.mo.gov/divimprovelsial/dar/UnderstandingYourAYP.pdf>
- **AMAO 3** is “Met” if the district-level Communication Arts LEP subgroup and the district-level Mathematics LEP subgroup are both met.

The Title I minimum for a subgroup of 30 applies to this calculation.

Examples for AMAO 3 Met/Not Met

County District Code	District Name	AYP LEP Subgroup Content Area	AYP LEP Subgroup Met/Not Met	AYP LEP Subgroup Content Area	AYP LEP Subgroup Met/Not Met	AMAO 3 Met/Not Met
000-000	ABC District	CA	NP	MA	CI	Not Met
000-000	ABC District	CA	--	MA	G	Met
000-000	ABC District	CA		MA	--	Met
000-000	ABC District	CA	NP	MA	--	Not Met

AYP LEP Subgroup Symbols

AYP LEP Subgroup Met Symbols	AYP LEP Subgroup Not Met Symbols
Y = Annual Proficiency Target Met	N* = Annual Proficiency Target Met, but did not have a participation rate of at least 95%
CI = Annual Proficiency Target Met with confidence interval	NC = Annual Proficiency Target Met with the confidence interval, but did not have a participation rate of at least 95%
G = Annual Proficiency Target Met using Growth	NP = Annual Proficiency Target Not Met
S = Annual Proficiency Target Met using Safe Harbor provision	NN = Annual Proficiency Target Not Met and participation rate was less than 95%
SC = Annual Proficiency Target Met using the confidence interval for Safe Harbor	
-- or Blank = Did not meet minimum cell size or no LEP subgroup	

OVERALL MET/NOT MET

A district must meet

- **AMAO 1**
- **AMAO 2**
- **AMAO 3**

to be MET overall.

Examples Overall AMAO Met/Not Met

County District Code	District Name	AMAO 1 Met/Not Met	AMAO 2 Met/Not Met	AMAO 3 Met/Not Met	OVERALL AMAO Met/Not Met
000-000	ABC District	Met	Met	Met	Met
000-000	ABC District	Not Met	Not Met	Met	Not Met

Title III District Improvement Status

**If a Title III District's overall
AMAO call is Not Met for 2
consecutive years, the
District's Improvement status
will be Title III District
Improvement Year I**

Example District Improvement Status

Year	County District Code	District Name	AMAO 1 Met/Not Met	AMAO 2 Met/Not Met	AMAO 3 Met/Not Met	OVERALL AMAO Met/Not Met
2008	000-000	ABC District	Met	Not Met	Not Met	Not Met
2009	000-000	ABC District	Met	Not Met	Not Met	Not Met

# of Consecutive Yrs Not Met	Title III District Improvement Status
2	Title III District Improvement Year I

Exiting Title III District Improvement Status

A District can exit from their Title III District Improvement status by meeting all 3 AMAOs in the current year.



Where can I obtain my
student level data?

MAC II data used to make
Title III improvement
determinations is now
available for districts to
download via Crystal
Reports.

Appeal Procedures

Data used for Annual Measurable Achievement Objective (AMAO) 3, AYP determinations, should have been appealed during the AYP appeals window in August 2008. Districts may appeal the following data elements used to determine whether or not AMAO 1 and AMAO 2 were met:

- 1) Incorrect MOSIS ID number
- 2) Incorrect LEP Receiving Services status
- 3) Incorrect LEP Not Receiving Services status
- 4) Incorrect county district or school code

How do I make an appeal?

Use the form posted at <http://dese.mo.gov/divimprove/sia/dar/2008MACIIAppealRequestForm.pdf>. All MAC II data appeals must be postmarked by March 31, 2009.

Future AMAO Targets

- *Accountability for AMAO 1 will not occur until Missouri has acquired two consecutive years of LAS Links assessment data, beginning in 2010-2011, using spring 2009 and 2010 assessment results.
- **Missouri will not have LAS Links assessment results for which to establish a realistic target for AMAO 2 until fall 2009.