

Demystifying AYP

September 9, 2008

What is AYP?

(1)

States determine what all students should know and be able to do.

(2)

States calculate the starting
point for AYP.

(3)

States set specific targets to make sure that all students are making adequate yearly progress in math and language arts.

AYP Proficiency Targets

YEAR	READING	MATH
2008	89.83	73.50
2009	89.83	73.50
2010	89.83	73.50
2011	94.92	86.75
2012	94.92	86.75
2013	94.92	86.75
2014	100	100

(4)

States measure the
performance of students and
schools.

(5)

Steps are taken to help
students in schools that do
not make AYP.

Participation

Performance

Safe Harbor

Graduation Rate

Participation

Economically Disadvantaged

Hispanic

School

Participation

ELL

White

Students with Disabilities

Economically Disadvantaged

Hispanic

School

Participation

ELL

White

Students with Disabilities

AYP in Participation?

AYP in Participation?

LHS hit the target in each of the 12 areas

School

Hispanic

White

Performance

Students with Disabilities

Economically Disadvantaged

School

Hispanic

White

Performance

Students with Disabilities

Economically Disadvantaged

Hispanic

	Actual	Target
Reading	57	
	71	
	87.87%	
Math	42	
	70	
	70.67%	

Upper Limit Formula

$$\pi_U = \frac{n}{n + z^2} \left[p + \frac{z^2}{2n} + z \sqrt{\frac{pq}{n} + \frac{z^2}{4n^2}} \right]$$

AYP Proficiency Targets

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Hispanic

	Actual	Target
Reading	57	
	71	71
	87.87%	89.83%
Math	42	
	70	70
	70.67%	73.50%

Hispanic

	Actual	Target
Reading	57	64
	71	71
	87.87%	89.83%
Math	42	52
	70	70
	70.67%	73.50%

Economically Disadvantaged

	Actual	Target
Reading	106	Target Met!
	123	
	91.19%	89.83%
Math	73	91
	123	123
	67.62%	73.50%

Students with Disabilities

	Actual	Target
Reading	36	47
	52	52
	80.09%	89.83%
Math	15	38
	51	51
	43.00%	73.50%

AYP in Performance Targets?

LHS hit the target in 5 of 10 areas

Performance Targets Not Hit

Hispanic Students - Reading

Hispanic Students - Math

Economically Disadvantaged - Math

Students with Disabilities - Reading

Students with Disabilities - Math

Safe Harbor!

...or Matched Safe Harbor...

Hispanic Students - Reading

	Actual	Target
CY Num	14	
CY Denom	71	
CY % NP	19.72%	
PY Num	9	
PY Denom	50	
PY % NP	18.00%	
% Dec		

Hispanic Students - Reading

	Actual	Target
CY Num	14	
CY Denom	71	
CY % NP	19.72%	
PY Num	9	9
PY Denom	50	50
PY % NP	18.00%	18.00%
% Dec	-9.5%	10.00%

Hispanic Students - Reading

	Actual	Target
CY Num	14	
CY Denom	71	71
CY % NP	19.72%	16.20%
PY Num	9	9
PY Denom	50	50
PY % NP	18.00%	18.00%
% Dec	-9.5%	10.00%

Reduction
of 10%



Hispanic Students - Reading

	Actual	Target
CY Num	14	12
CY Denom	71	71
CY % NP	19.72%	16.20%
PY Num	9	9
PY Denom	50	50
PY % NP	18.00%	18.00%
% Dec	-9.5%	10.00%

Reduction
of 10%



Hispanic Students - Math

	Actual	Target
CY Num	28	
CY Denom	70	
CY % NP		
PY Num	25	25
PY Denom	50	50
PY % NP		
% Dec		10.00%

Hispanic Students - Math

	Actual	Target
CY Num	28	
CY Denom	70	
CY % NP	40%	
PY Num	25	25
PY Denom	50	50
PY % NP	50%	50%
% Dec	20%	10.00%

Hispanic Students - Math

	Actual	Target
CY Num	28	32
CY Denom	70	70
CY % NP	40%	45%
PY Num	25	25
PY Denom	50	50
PY % NP	50%	50%
% Dec	20%	10.00%

Reduction
of 10%



Hispanic Students - Math

	Actual	Target
CY Num	28	32
CY Denom	70	70
CY % NP	40%	45%
PY Num	25	25
PY Denom	50	50
PY % NP	50%	50%
% Dec	20%	10.00%

← 4 kids!

↙ Reduction of 10%
↘

Performance Targets Not Hit

Hispanic Students - Reading

Hispanic Students - Math

Economically Disadvantaged - Math

Students with Disabilities - Reading

Students with Disabilities - Math

Performance Targets Not Hit

Hispanic Students - Reading

~~Hispanic Students - Math~~

Economically Disadvantaged - Math

Students with Disabilities - Reading

Students with Disabilities - Math

Performance Targets Not Hit

Hispanic Students - Reading

~~Hispanic Students - Math~~

Economically Disadvantaged - Math

~~Students with Disabilities - Reading~~

Students with Disabilities - Math

Other Targets

Other Targets

Graduation Rate

Performance Targets Not Hit

Hispanic Students - Reading

~~Hispanic Students - Math~~

Economically Disadvantaged - Math

~~Students with Disabilities - Reading~~

Students with Disabilities - Math

Performance Targets Not Hit

Hispanic Students - Reading

Economically Disadvantaged - Math

Students with Disabilities - Math

Reading Participation - Economically Disadvantaged

Math Participation - Economically Disadvantaged

Graduation Rate - Hispanic