

Session 2: Reporting of growth data

Session 1: Overview of Student Growth Percentiles

Session 2: Report format and data processing

Session 3 : Interpreting aggregated SGP data

Session 4: Communication with stakeholders



Learning Objectives

- Articulate the business rules that influence the growth data you will receive
- Examine Student Growth Percentile (SGP) levels
- Analyze examples of student growth information as it will be provided in Fall 2011
 - SGP report format

Virginia's SGP Business Rules: Who is included

A Student Growth Percentile will be calculated for students who participate in Standards of Learning (SOL) testing for reading and/or mathematics in grades 4-8 and Algebra I through grade 9 with the exception of:

- students with two or more years of advanced scores (≥ 500) in the same content area,
- students who do not have two consecutive years of SOL scores in the same subject (mathematics or reading), including students who completed alternate or alternative assessments (VGLA, VAAP, or VSEP) within the last two years,
- Students who take the same level SOL test for two consecutive years;
- Students who take unusual pathways through the state testing program.

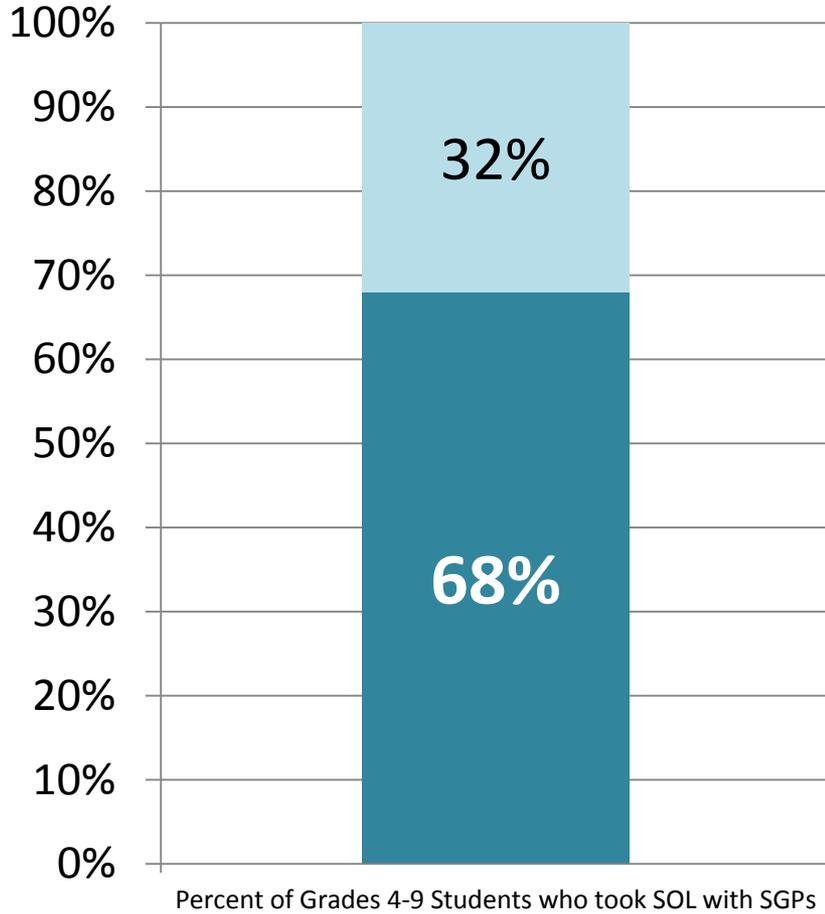
Common Course-taking Patterns for Mathematics

An SGP will be calculated for students who participate in the mathematics assessment program in a sequence that is common in Virginia. Common course-taking patterns in mathematics include:

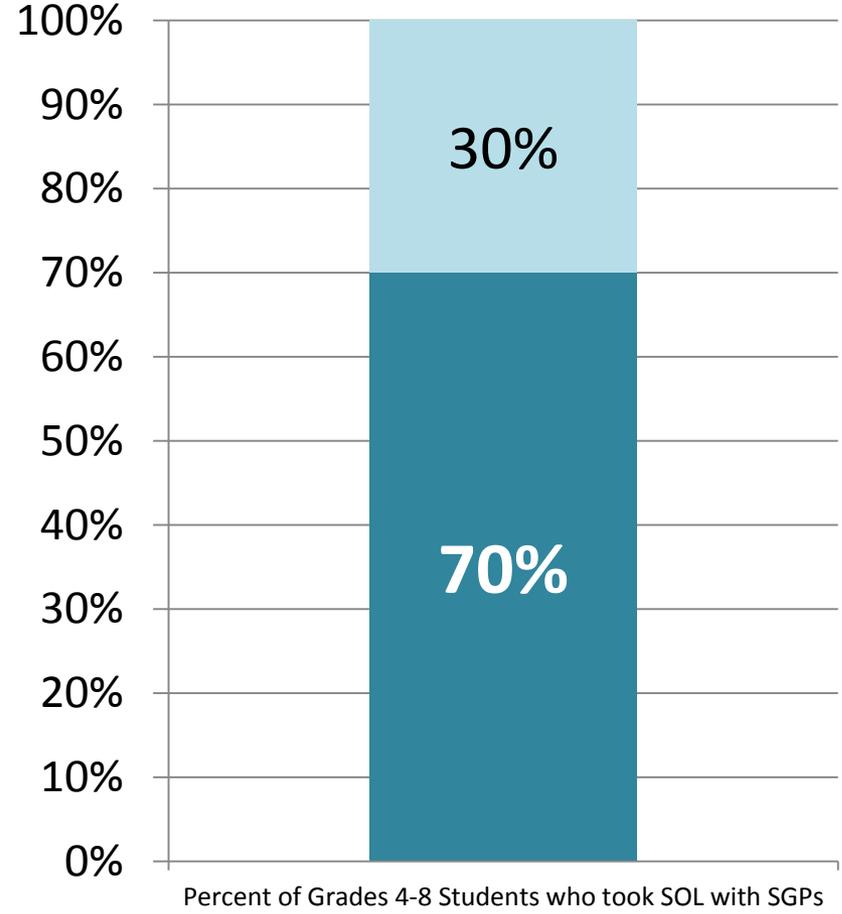
- Grades 3, 4, and 5
- Grades 6, 7, 8, and Algebra I
- Grades 6, 7, and Algebra I
- Grades 6, 8, and Algebra I

Statewide, the majority of students taking an SOL test will have growth data.

2010-2011 Mathematics & Algebra I



2010-2011 Reading



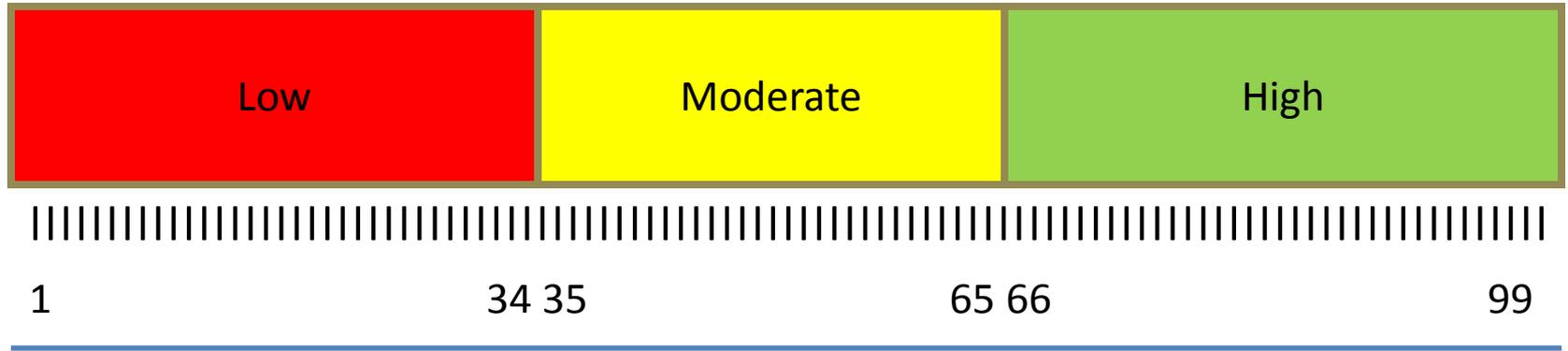
■ Have SGP

■ Do not have SGP

*Of 434,737 students with applicable SOL data

*Of 408,605 students with applicable SOL data

Student Growth Percentile Levels



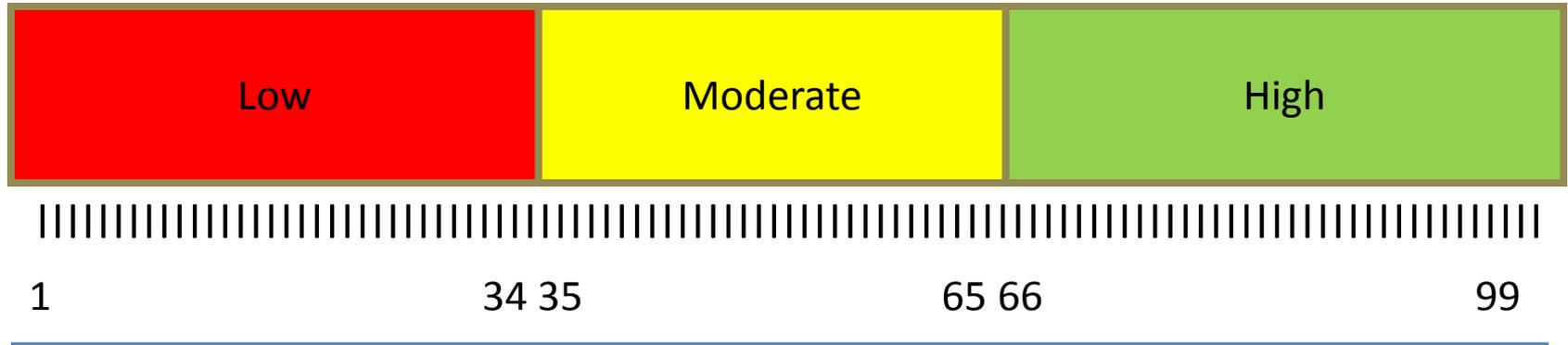
To help interpret student growth percentiles, the VDOE has established categorical growth levels of low, moderate, and high. These data will be reported with the growth data for your division or school.

Low growth: represents students with SGPs of 1 to 34.

Moderate growth: includes students with SGPs of 35 to 65.

High growth: represents students with SGPs of 66 to 99.

Student Growth Percentile Levels



When considering student level data:

- little practical difference exists between student growth percentiles that border the SGP categories (i.e., SGPs of 33 and 36 or SGPs of 64 and 67)
- SGPs that border the SGP categories could be considered as having low-to-moderate growth or moderate-to-high growth
- it is critical to consider the SGP and the SGP categories

Generating SGP Reports

- Student Growth Percentile Reports will be available through a Single Sign-on for Web Systems (SSWS) application
 - Division SSWS Account Managers will assign access to the Growth Measure Reports application
 - School divisions will determine locally which staff are authorized to have access to these student-level data
 - School division personnel will have the option of providing access to division-level or school-level reports

Generating SGP Reports

- Options to select when generating SGP reports:
 - School year
 - Reporting window (End of Year or fall)
 - Entire division/particular school
 - All teachers/single teacher
 - Mathematics, reading, or both

Generating SGP Reports

- SGP reports generated for spring 2011 will provide data with teacher information for the 2010-11 school year.
- SGP reports generated for fall 2011 will provide the spring 2011 data with fall 2011 teacher information

The student growth percentile report:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	
	2010-2011	2010-2011	2010-2011	2010-2011	2010-2011	2010-2011	2010-2011	Student	Student		State	Division	Division	School	School		Test					SOL							
1	Division number	Division Name	School Number	School Name	License Number	Teacher last name	Teacher first name	last name	first name	Date of Birth	Testing Identifier	number at time of test	name at time of test	number at time of test	name at time of test	Course taken	Administration Year	Test Type	Subject Area Code	Test Name	Scaled Score	Proficiency Level	SGP	SGP Level	Disability Status	Race/ethnicity	LEP subgroup (yes/no)	Gender	
2	X	Sample	1	Elem	X1X1	Doe	John	Student	One	mm/dd/yyyy	111111	X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics	Grade 4 Math	339	Fail Basic			Yes	White	Yes	Male	
3	X	Sample	1	Elem	X1X1	Doe	John	Student	One	mm/dd/yyyy	111111	X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics	Grade 5 Math	394	Fail Basic	47	Moderate	Yes	White	Yes	Male	
4	X	Sample	1	Elem	X1X1	Doe	John	Student	Two	mm/dd/yyyy	222222	X	Sample	1	Elem	Grade 3 Math	2008-2009	SOL	Mathematics	Grade 3 Math	502	Pass Advanced			No	Asian	No	Female	
5	X	Sample	1	Elem	X1X1	Doe	John	Student	Two	mm/dd/yyyy	222222	X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics	Grade 4 Math	550	Pass Advanced			No	Asian	No	Female	
6	X	Sample	1	Elem	X1X1	Doe	John	Student	Two	mm/dd/yyyy	222222	X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics	Grade 5 Math	600	Pass Advanced			No	Asian	No	Female	
7	X	Sample	1	Elem	X1X1	Doe	John	Student	Three	mm/dd/yyyy	333333	X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics	Grade 4 Math	480	Pass Proficient			No	Black	Yes	Male	
8	X	Sample	1	Elem	X1X1	Doe	John	Student	Three	mm/dd/yyyy	333333	X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics	Grade 5 Math	518	Pass Advanced	32	Low	No	Black	Yes	Male	
9	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Four	mm/dd/yyyy	444444	X	Sample	1	Elem	Grade 3 Math	2007-2008	SOL	Mathematics	Grade 3 Math	463	Pass Proficient			No	Black	No	Female	
10	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Four	mm/dd/yyyy	444444	X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics	Grade 4 Math	426	Pass Proficient	24	Low	No	Black	No	Female	
11	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Four	mm/dd/yyyy	444444	X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics	Grade 5 Math	468	Pass Proficient	49	Moderate	No	Black	No	Female	
12	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Five	mm/dd/yyyy	555555	X	Sample	1	Elem	Grade 3 Math	2007-2008	SOL	Mathematics	Grade 3 Math	294	Fail Basic			No	White	Yes	Male	
13	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Five	mm/dd/yyyy	555555	X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics	Grade 4 Math	298	Fail Basic	24	Low	No	White	Yes	Male	
14	X	Sample	1	Elem	Y1X1	Smith	Jane	Student	Five	mm/dd/yyyy	555555	X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics	Grade 5 Math	328	Fail Basic	55	Moderate	No	White	Yes	Male	
15																													
16	X	Sample	2	Midd	Z1X1	Smith	John	Student	Six	mm/dd/yyyy	666666	X	Sample	2	Midd	Grade 6 Math	2008-2009	SOL	Mathematics	Grade 6 Math	464	Pass Proficient			Yes	White	Yes	Female	
17	X	Sample	2	Midd	Z1X1	Smith	John	Student	Six	mm/dd/yyyy	666666	X	Sample	2	Midd	Grade 7 Math	2009-2010	SOL	Mathematics	Grade 7 Math	395	Fail Basic	8	Low	Yes	White	Yes	Female	
18	X	Sample	2	Midd	Z1X1	Smith	John	Student	Seven	mm/dd/yyyy	777777	X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics	Grade 8 Math	492	Pass Proficient			No	Asian	No	Male	
19	X	Sample	2	Midd	Z1X1	Smith	John	Student	Eight	mm/dd/yyyy	888888	X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics	Grade 7 Math	366	Fail Basic			No	Black	Yes	Female	
20	X	Sample	2	Midd	Z1X1	Smith	John	Student	Eight	mm/dd/yyyy	888888	X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics	Grade 8 Math	436	Pass Proficient	63	High	No	Black	Yes	Female	
21	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Nine	mm/dd/yyyy	999999	X	Sample	2	Midd	Grade 6 Math	2007-2008	SOL	Mathematics	Grade 6 Math	459	Pass Proficient	45	Moderate	No	Black	No	Male	
22	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Nine	mm/dd/yyyy	999999	X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics	Grade 7 Math	595	Pass Advanced	85	High	No	Black	No	Male	
23	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Nine	mm/dd/yyyy	999999	X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics	Grade 8 Math	459	Pass Proficient	17	Low	No	Black	No	Male	
24	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Ten	mm/dd/yyyy	101010	X	Sample	2	Midd	Grade 6 Math	2007-2008	SOL	Mathematics	Grade 6 Math	443	Pass Proficient	61	Moderate	No	White	Yes	Female	
25	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Ten	mm/dd/yyyy	101010	X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics	Grade 7 Math	417	Pass Proficient	26	Low	No	White	Yes	Female	
26	X	Sample	2	Midd	Y1X1	Doe	Jane	Student	Ten	mm/dd/yyyy	101010	X	Sample	2	Midd	Algebra	2009-2010	SOL	Mathematics	Algebra	467	Pass Proficient	30	Low	No	White	Yes	Female	
27																													

Current Year Information

	A	B	C	D	E	F	G	H	I	J	K
1	2010-2011 Division number	2010-2011 Division Name	2010- 2011 School Number	2010- 2011 School Name	2010-2011 Teacher License Number	2010-2011 Teacher last name	2010-2011 Teacher first name	Student last name	Student first name	Date of Birth	State Testing Identifier
2	X	Sample	1	Elem	X1XX	Doe	John	Student	One	mm/dd/yyyy	111111
3	X	Sample	1	Elem	X1XX	Doe	John	Student	One	mm/dd/yyyy	111111
4	X	Sample	1	Elem	X1XX	Doe	John	Student	Two	mm/dd/yyyy	222222
5	X	Sample	1	Elem	X1XX	Doe	John	Student	Two	mm/dd/yyyy	222222
6	X	Sample	1	Elem	X1XX	Doe	John	Student	Two	mm/dd/yyyy	222222
7	X	Sample	1	Elem	X1XX	Doe	John	Student	Three	mm/dd/yyyy	333333
8	X	Sample	1	Elem	X1XX	Doe	John	Student	Three	mm/dd/yyyy	333333
9	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Four	mm/dd/yyyy	444444
10	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Four	mm/dd/yyyy	444444
11	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Four	mm/dd/yyyy	444444
12	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Five	mm/dd/yyyy	555555
13	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Five	mm/dd/yyyy	555555
14	X	Sample	1	Elem	Y1XX	Smith	Jane	Student	Five	mm/dd/yyyy	555555
15											
16	X	Sample	2	Midd	Z1XX	Smith	John	Student	Six	mm/dd/yyyy	666666
17	X	Sample	2	Midd	Z1XX	Smith	John	Student	Six	mm/dd/yyyy	666666
18	X	Sample	2	Midd	Z1XX	Smith	John	Student	Seven	mm/dd/yyyy	777777
19	X	Sample	2	Midd	Z1XX	Smith	John	Student	Eight	mm/dd/yyyy	888888
20	X	Sample	2	Midd	Z1XX	Smith	John	Student	Eight	mm/dd/yyyy	888888
21	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Nine	mm/dd/yyyy	999999
22	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Nine	mm/dd/yyyy	999999
23	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Nine	mm/dd/yyyy	999999
24	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Ten	mm/dd/yyyy	101010
25	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Ten	mm/dd/yyyy	101010
26	X	Sample	2	Midd	V1XX	Doe	Jane	Student	Ten	mm/dd/yyyy	101010
27											

Division and school data at time test was administered

L	M	N	O	P	Q	R	S
Division number at time of test	Division name at time of test	School number at time of test	School name at time of test	Course taken	Test Administration Year	Test Type	Subject Area Code
X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics
X	Sample	1	Elem	Grade 3 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics
X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics
X	Sample	1	Elem	Grade 3 Math	2007-2008	SOL	Mathematics
X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics
X	Sample	1	Elem	Grade 3 Math	2007-2008	SOL	Mathematics
X	Sample	1	Elem	Grade 4 Math	2008-2009	SOL	Mathematics
X	Sample	1	Elem	Grade 5 Math	2009-2010	SOL	Mathematics
X	Sample	2	Midd	Grade 6 Math	2008-2009	SOL	Mathematics
X	Sample	2	Midd	Grade 7 Math	2009-2010	SOL	Mathematics
X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics
X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics
X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics
X	Sample	2	Midd	Grade 6 Math	2007-2008	SOL	Mathematics
X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics
X	Sample	2	Midd	Grade 8 Math	2009-2010	SOL	Mathematics
X	Sample	2	Midd	Grade 6 Math	2007-2008	SOL	Mathematics
X	Sample	2	Midd	Grade 7 Math	2008-2009	SOL	Mathematics
X	Sample	2	Midd	Algebra	2009-2010	SOL	Mathematics

Test name, SOL scaled score and proficiency level, and growth percentile and growth level

T	U	V	W	X
Test Name	Scaled Score	SOL Proficiency Level	SGP	SGP Level
Grade 4 Math	339	Fail Basic		
Grade 5 Math	394	Fail Basic	47	Moderate
Grade 3 Math	502	Pass Advanced		
Grade 4 Math	550	Pass Advanced		
Grade 5 Math	600	Pass Advanced		
Grade 4 Math	480	Pass Proficient		
Grade 5 Math	518	Pass Advanced	32	Low
Grade 3 Math	463	Pass Proficient		
Grade 4 Math	426	Pass Proficient	24	Low
Grade 5 Math	468	Pass Proficient	49	Moderate
Grade 3 Math	294	Fail Basic		
Grade 4 Math	298	Fail Basic	24	Low
Grade 5 Math	328	Fail Basic	55	Moderate
Grade 6 Math	464	Pass Proficient		
Grade 7 Math	395	Fail Basic	8	Low
Grade 8 Math	492	Pass Proficient		
Grade 7 Math	366	Fail Basic		
Grade 8 Math	436	Pass Proficient	69	High
Grade 6 Math	459	Pass Proficient	45	Moderate
Grade 7 Math	595	Pass Advanced	85	High
Grade 8 Math	459	Pass Proficient	17	Low
Grade 6 Math	443	Pass Proficient	61	Moderate
Grade 7 Math	417	Pass Proficient	26	Low
Algebra	467	Pass Proficient	30	Low

Student demographic data

Y	Z	AA	AB
Disability Status	Race/ethnicity	LEP subgroup (yes/no)	Gender
Yes	White	Yes	Male
Yes	White	Yes	Male
No	Asian	No	Female
No	Asian	No	Female
No	Asian	No	Female
No	Black	Yes	Male
No	Black	Yes	Male
No	Black	No	Female
No	Black	No	Female
No	Black	No	Female
No	White	Yes	Male
No	White	Yes	Male
No	White	Yes	Male
Yes	White	Yes	Female
Yes	White	Yes	Female
No	Asian	No	Male
No	Black	Yes	Female
No	Black	Yes	Female
No	Black	No	Male
No	Black	No	Male
No	Black	No	Male
No	White	Yes	Female
No	White	Yes	Female
No	White	Yes	Female

To properly assess student performance, we need to have as much data as possible

I	T	U	V	W	X
Student first name	Test Name	Scaled Score	SOL Proficiency Level	SGP	SGP Level
One	Grade 4 Math	339	Fail Basic		
One	Grade 5 Math	394	Fail Basic	47	Moderate
Two	Grade 3 Math	502	Pass Advanced		
Two	Grade 4 Math	550	Pass Advanced		
Two	Grade 5 Math	600	Pass Advanced		
Three	Grade 4 Math	480	Pass Proficient		
Three	Grade 5 Math	518	Pass Advanced	32	Low
Four	Grade 3 Math	463	Pass Proficient		
Four	Grade 4 Math	426	Pass Proficient	24	Low
Four	Grade 5 Math	468	Pass Proficient	49	Moderate
Five	Grade 3 Math	294	Fail Basic		
Five	Grade 4 Math	298	Fail Basic	24	Low
Five	Grade 5 Math	328	Fail Basic	55	Moderate
Six	Grade 6 Math	464	Pass Proficient		
Six	Grade 7 Math	395	Fail Basic	8	Low
Seven	Grade 8 Math	492	Pass Proficient		
Eight	Grade 7 Math	366	Fail Basic		
Eight	Grade 8 Math	436	Pass Proficient	69	High
Nine	Grade 6 Math	459	Pass Proficient	45	Moderate
Nine	Grade 7 Math	595	Pass Advanced	85	High
Nine	Grade 8 Math	459	Pass Proficient	17	Low
Ten	Grade 6 Math	443	Pass Proficient	61	Moderate
Ten	Grade 7 Math	417	Pass Proficient	26	Low
Ten	Algebra	467	Pass Proficient	30	Low

Student growth percentiles must be considered in context of other available information

I	T	U	V	W	X
Student first name	Test Name	Scaled Score	SOL Proficiency Level	SGP	SGP Level
One	Grade 4 Math	339	Fail Basic		
One	Grade 5 Math	394	Fail Basic	47	Moderate
Two	Grade 3 Math	502	Pass Advanced		
Two	Grade 4 Math	550	Pass Advanced		
Two	Grade 5 Math	600	Pass Advanced		
Three	Grade 4 Math	480	Pass Proficient		
Three	Grade 5 Math	518	Pass Advanced	32	Low
Four	Grade 3 Math	463	Pass Proficient		
Four	Grade 4 Math	426	Pass Proficient	24	Low
Four	Grade 5 Math	468	Pass Proficient	49	Moderate
Five	Grade 3 Math	294	Fail Basic		
Five	Grade 4 Math	298	Fail Basic	24	Low
Five	Grade 5 Math	328	Fail Basic	55	Moderate
Six	Grade 6 Math	464	Pass Proficient		
Six	Grade 7 Math	395	Fail Basic	8	Low
Seven	Grade 8 Math	492	Pass Proficient		
Eight	Grade 7 Math	366	Fail Basic		
Eight	Grade 8 Math	436	Pass Proficient	69	High
Nine	Grade 6 Math	459	Pass Proficient	45	Moderate
Nine	Grade 7 Math	595	Pass Advanced	85	High
Nine	Grade 8 Math	459	Pass Proficient	17	Low
Ten	Grade 6 Math	443	Pass Proficient	61	Moderate
Ten	Grade 7 Math	417	Pass Proficient	26	Low
Ten	Algebra	467	Pass Proficient	30	Low

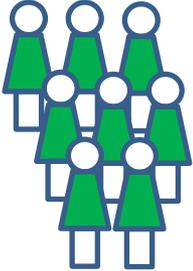
Session 2, Activity 1:

- For each highlighted cell on your worksheet, determine why there is no student growth percentile value
 - Refer to Business Rules
- Analyze the data on your sample report:
 - Consider/describe mathematics growth at the student level
 - Consider/describe reading growth at the student level

Activity 1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Virginia Department of Education					Growth Data Report Year: 2010-2011					Division: Sample County Public Schools			
2	Student first name	State Testing Identifier	School # at time of test	Test Year	Test Type	Test Name	Scaled Score	SOL Proficiency Level	SGP	SGP Level	Disability Status	Race/ethnicity	LEP	Gender
3	One	1111111	1	2007-2008	SOL	Grade 3 Mathematics	312	Fail Basic			Yes	White	Yes	Male
4	One	1111111	1	2008-2009	SOL	Grade 4 Mathematics	391	Fail Basic	88	High	Yes	White	Yes	Male
5	One	1111111	1	2009-2010	SOL	Grade 5 Mathematics	351	Fail Basic	27	Low	Yes	White	Yes	Male
6	Two	2222222	1	2008-2009	SOL	Grade 4 Mathematics	426	Pass Proficient			No	Hispanic	No	Female
7	Two	2222222	1	2009-2010	SOL	Grade 5 Mathematics	354	Fail Basic	27	Low	No	Hispanic	No	Female
8	Three	3333333	1	2007-2008	SOL	Grade 3 Mathematics	402	Pass Proficient			No	Unspecified	Yes	Male
9	Three	3333333	1	2008-2009	SOL	Grade 4 Mathematics	422	Pass Proficient	43	Moderate	No	Unspecified	Yes	Male
10	Three	3333333	1	2009-2010	SOL	Grade 5 Mathematics	488	Pass Proficient	66	High	No	Unspecified	Yes	Male
11	Four	4444444	1	2007-2008	SOL	Grade 3 Mathematics	600	Pass Advanced			No	Black	No	Female
12	Four	4444444	1	2008-2009	SOL	Grade 4 Mathematics	600	Pass Advanced			No	Black	No	Female
13	Four	4444444	1	2009-2010	SOL	Grade 5 Mathematics	510	Pass Advanced			No	Black	No	Female
14	Five	5555555	1	2007-2008	SOL	Grade 3 Mathematics	322	Fail Basic			Yes	White	Yes	Male
15	Five	5555555	1	2008-2009	SOL	Grade 4 Mathematics	374	Fail Basic	67	High	Yes	White	Yes	Male
16	Five	5555555	1	2009-2010	SOL	Grade 5 Mathematics	398	Fail Basic	38	Moderate	Yes	White	Yes	Male
17														
18	Six	6666666	1	2007-2008	SOL	Grade 3 Reading	427	Pass Proficient			Yes	White	Yes	Male
19	Six	6666666	1	2008-2009	SOL	Grade 4 Reading	443	Pass Proficient	7	Low	Yes	White	Yes	Male
20	Six	6666666	1	2009-2010	SOL	Grade 5 Reading	450	Pass Proficient	20	Low	Yes	White	Yes	Male
21	Seven	7777777	1	2008-2009	SOL	Grade 4 Reading	454	Pass Proficient			No	Hispanic	No	Female
22	Seven	7777777	1	2009-2010	SOL	Grade 5 Reading	474	Pass Proficient	34	Low	No	Hispanic	No	Female
23	Eight	8888888	1	2007-2008	SOL	Grade 3 Reading	502	Pass Advanced				Unspecified	Yes	Male
24	Eight	8888888	1	2008-2009	SOL	Grade 4 Reading	545	Pass Advanced			No	Unspecified	Yes	Male
25	Eight	8888888	1	2009-2010	SOL	Grade 5 Reading	595	Pass Advanced			No	Unspecified	Yes	Male
26	Nine	9999999	1	2008-2009	SOL	Grade 4 Reading	400	Pass Proficient			No	Black	No	Female
27	Nine	9999999	1	2009-2010	SOL	Grade 5 Reading	452	Pass Proficient	63	Moderate	No	Black	No	Female
28	Ten	1010101	1	2007-2008	SOL	Grade 3 Reading	458	Pass Proficient			No	White	Yes	Male
29	Ten	1010101	1	2008-2009	SOL	Grade 4 Reading	532	Pass Advanced	78	High	No	White	Yes	Male
30	Ten	1010101	1	2009-2010	SOL	Grade 5 Reading	463	Pass Proficient	23	Low	No	White	Yes	Male

Session 2 Activity Answers



Students One, Three, Four, Five, Six, Eight, Nine, Ten

- Growth percentiles are not calculated for Grade 3



Student Two

- Student does not have a Grade 3 Mathematics score, so there are not two consecutive years of data to calculate an SGP for Grade 4 Mathematics



Student Four

- Student has scored Passed Advanced for two or more consecutive years, Grade 4 and Grade 5 Mathematics; therefore an SGP will not be calculated.



Student Seven, Nine

- Student does not have a Grade 3 Reading score, so there are not two consecutive years of data to calculate an SGP for Grade 4 Mathematics



Student Eight

- Student has scored Pass Advanced for two or more consecutive years, Grade 3, Grade 4 and Grade 5 Reading; therefore an SGP will not be calculated.

Session 2 Activity Answers

- Table discussion/responses
 - Mathematics
 - Reading