Data User's Guide

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I. Data Cleaning and Editing

This section describes the data cleaning and editing procedures for principal and lead health education teacher raw data sets.

After the questionnaires are scanned, Profiles data are edited to account for missing data and to enforce logical consistency among variables. The following sections explain the missing value codes assigned to the data, the logic with which they are assigned, and the consistency checks applied to each of the principal and lead health education teacher data sets.

1. Missing Value Codes

The scanned principal and lead health education teacher Profiles files are all edited using the following missing value codes. The codes are named as such based on SAS naming conventions.

.A	Indicates that the question was correctly skipped.	
.B	Indicates that the question should have been skipped but incorrectly contained a	
	response.	
. C	Indicates that the question should have been answered but was incorrectly skipped.	
.D	Indicates that the question contained invalid data such as more than one response, a	
	stray mark, or some other situation that the scanner could not interpret.	
.E	Indicates that it cannot be determined whether a question response should be present	
	or not. This occurs if a previous skip control question is missing for some reason.	
.F	Indicates that the question response is logically inconsistent with another question	
	response. Both responses are set to .F.	

The missing value codes are assigned based on the logic found in the following sections.

2. Data Edits

a. Principal Questions

Principal questions are recoded to one of the missing value types according to the following logic:

Question 6 skips – If question 6 is 'b', question 7 will be recoded to .A if the item was left blank or .B if the item was answered. If question 6 is blank or invalid, question 7 will be recoded to .E.

Question 23 skips – If question 23 is 'b', questions 24 through 26 will be recoded to .A if the item was left blank or .B if the item was answered. If question 23 is blank or invalid, questions 24 through 26 will be recoded to .E.

Question 29 skips – If question 29 is 'b', question 30 will be recoded to .A if the item was left blank or .B if the item was answered. If question 29 is blank or invalid, question 30 will be recoded to .E.

Next, any remaining blanks are recoded to .C, and any invalid responses (2 or more responses per category) are recoded to .D for all of the questions.

b. Lead Health Education Teacher Questions

Lead health education teacher questions are recoded to one of the missing value types according to the following logic:

Question 1 skips – If question 1 is 'a', questions 2 and 3 will be recoded to .A if the item was left blank, or .B if the item was answered. If question 1 is blank or invalid, questions 2 and 3 will be recoded to .E.

Next, any remaining blanks are recoded to .C, and any invalid responses (2 or more responses per category) are recoded to .D for all of the questions.

3. Logical Consistency Edits

a. Principal Questions

After the missing value codes .A-.E are assigned to the principal scanned data, the following **consistency checks (1-16)** are run, changing both responses that cause an inconsistency to .F:

1.	If $Q2a = 1$ or 2 and	Q2b = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
2.	If $Q2b = 1$ or 2 and	Q2a = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
3.	If $Q2c = 1$ or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
4.	Q2d = 1 or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2c = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3

5.	If $Q2e = 1$ or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
6.	If $Q2f = 1$ or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2g = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
7.	If $Q2g = 1$ or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2h = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3
8.	If $Q2h = 1$ or 2 and	Q2a = 3
	or	Q2b = 3
	or	Q2c = 3
	or	Q2d = 3
	or	Q2e = 3
	or	Q2f = 3
	or	Q2g = 3
	or	Q2i = 3
	or	Q2j = 3
	or	Q2k = 3
	or	Q21 = 3

or Q2b = 3 or Q2c = 3 or Q2c = 3 or Q2e = 3 or Q2h = 3 or Q2b = 3 or Q2c = 3 or Q2c = 3 or Q2c = 3 or Q2e = 3 or Q2e = 3 or Q2e = 3 or Q2e = 3 or Q2h
or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2e = 3 or Q2e = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2d = 3 or Q2h = 3
or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2e = 3 or Q2e = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2d = 3 or Q2h = 3
or Q2e = 3 or Q2f = 3 or Q2g = 3 or Q2h = 3 or Q2h = 3 or Q2h = 3 or Q2k = 3 or Q2k = 3 or Q2k = 3 or Q2e = 3 or Q2c = 3 or Q2c = 3 or Q2e = 3 or Q2e = 3 or Q2e = 3 or Q2h = 3 or Q2e = 3 or Q2e = 3 or Q2h = 3
or
or Q2g = 3 or Q2h = 3 or Q2k = 3 or Q2k = 3 or Q2l = 3 10. If Q2j = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2d = 3 or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2g = 3 or Q2g = 3 or Q2h = 3 or Q2k = 3 or Q2l = 3 or Q2b = 3 or Q2d = 3 or Q2l = 3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
or Q2k = 3 or Q2l = 3 10. If Q2j = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2e = 3 or Q2g = 3 or Q2g = 3 or Q2h = 3 or Q2h = 3 or Q2l = 3 or Q2d = 3 or Q2l = 3
or Q2l = 3 10. If Q2j = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3 or Q2g = 3 or Q2g = 3 or Q2g = 3 or Q2h = 3 or Q2h = 3 or Q2l = 3 or Q2b = 3 or Q2d = 3 or Q2g = 3 or Q2g = 3 or Q2l = 3
10. If Q2j = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2h = 3 or Q2i = 3 or Q2i = 3 or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2f = 3 or Q2f = 3 or Q2f = 3 or Q2j = 3 or Q2l = 3
or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2e = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2l = 3 or Q2l = 3 or Q2l = 3 or Q2l = 3 or Q2b = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3 or Q2d = 3 or Q2d = 3 or Q2f = 3 or Q2l = 3
or Q2c = 3 or Q2d = 3 or Q2e = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2h = 3 or Q2k = 3 or Q2l = 3 or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3 or Q2d = 3 or Q2d = 3 or Q2f = 3 or Q2h = 3 or Q2l = 3
or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2h = 3 or Q2k = 3 or Q2k = 3 or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2d = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2l = 3
or
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
or Q2h = 3 or Q2i = 3 or Q2k = 3 or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2e = 3 or Q2e = 3 or Q2f = 3 or Q2g = 3 or Q2h = 3 or Q2j = 3 or Q2j = 3 or Q2i = 3
or $Q2i = 3$ or $Q2k = 3$ or $Q2l = 3$ 11. If $Q2k = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$
or Q2k = 3 or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2i = 3 or Q2i = 3 or Q2i = 3 or Q2j = 3 or Q2j = 3 or Q2j = 3 or Q2l = 3 or Q2d = 3 or Q2b = 3 or Q2c = 3 or Q2c = 3 or Q2d = 3
or Q2l = 3 11. If Q2k = 1 or 2 and Q2a = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2e = 3 or Q2f = 3 or Q2h = 3 or Q2i = 3 or Q2j = 3 or Q2l = 3 or Q2d = 3
11. If Q2k = 1 or 2 and or Q2b = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3 or Q2d = 3 or Q2f = 3 or Q2f = 3 or Q2h = 3 or Q2h = 3 or Q2i = 3 or Q2i = 3 or Q2l = 3 12. If Q2l = 1 or 2 and Or Q2b = 3 or Q2b = 3 or Q2c = 3 or Q2d = 3 or Q2d = 3
or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$ or $Q2e = 3$ or $Q2f = 3$ or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2c = 3$ or $Q2d = 3$ or $Q2e = 3$ or $Q2f = 3$ or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2c = 3$ or $Q2c = 3$ or $Q2c = 3$
or $Q2d = 3$ or $Q2e = 3$ or $Q2f = 3$ or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2e = 3$ or $Q2f = 3$ or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2i = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2f = 3$ or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2g = 3$ or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2h = 3$ or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2i = 3$ or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2j = 3$ or $Q2l = 3$ 12. If $Q2l = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2I = 3$ 12. If $Q2I = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
12. If $Q21 = 1$ or 2 and $Q2a = 3$ or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2b = 3$ or $Q2c = 3$ or $Q2d = 3$
or $Q2d = 3$
or $Q2d = 3$
22 2
or $Q2e = 3$
or $Q2f = 3$
or $Q2g = 3$
or $Q2h = 3$
or $Q2i = 3$
or $Q2j = 3$
or $Q2k = 3$
13. If $Q34a = 1$ or 2 and $Q34b = 3$
14. If $Q34b = 1$ or 2 and $Q34a = 3$

15.	If $Q43 = a$ and	Q38a = 1
	or	Q38c = 1
	or	Q38d = 1
	or	Q38e = 1
	or	Q38f = 1
	or	Q38g = 1
	or	Q38h = 1
	or	Q38i = 1
16.	If $Q44 = a$ and	Q39a = 1
16.	If Q44 = a and or	Q39a = 1 $Q39d = 1$
16.	•	`
16.	or	Q39d = 1
16.	or or	Q39d = 1 $Q39e = 1$
16.	or or or	Q39d = 1 Q39e = 1 Q39f = 1 Q39g = 1 Q39h = 1
16.	or or or	Q39d = 1 Q39e = 1 Q39f = 1 Q39g = 1

b. Lead Health Education Teacher Questions

After the missing value codes .A-.E are assigned to the teacher scanned data, the following **consistency checks (1-194)** are run, checking <u>all</u> conditions once, and then afterwards changing both responses that cause an inconsistency to .F. Then, missing value code .E is assigned to question 2 and question 3 if question 1 was edited by question 8 in consistency check #5 (195-202).

1.	If $Q2a = 3$ and $Q2b=3$ and $Q2c=3$ and	Q11a_1 = 1 or 2
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	$Q11h_1 = 1 \text{ or } 2$
	or	$Q11i_1 = 1 \text{ or } 2$
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	$Q111_1 = 1 \text{ or } 2$
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q11o_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$

2.	If $Q2d = 3$ and $Q2e = 3$ and $Q2f = 3$	=3 and O2o=3 and	Q11a 2 = 1 or 2
2.	or	3 una Q25 3 una	$Q11b_2 = 1 \text{ or } 2$
	or		Q11c $2 = 1$ or 2
	or		Q11d $2 = 1 \text{ or } 2$
	or		Q11e $2 = 1$ or 2
	or		Q11f $2 = 1$ or 2
	or		Q11g $2 = 1$ or 2
	or		$Q11h^2 = 1 \text{ or } 2$
	or		$Q11i^{-}2 = 1 \text{ or } 2$
	or		$Q11j^{-}2 = 1 \text{ or } 2$
	or		$Q11k^{2} = 1 \text{ or } 2$
	or		$Q111_{2} = 1 \text{ or } 2$
	or		$Q11m_2 = 1 \text{ or } 2$
	or		$Q11n_2 = 1 \text{ or } 2$
	or		$Q11o_2 = 1 \text{ or } 2$
	or		$Q11p_2 = 1 \text{ or } 2$
	or		$Q11q_2 = 1 \text{ or } 2$
	or		$Q11r_2 = 1 \text{ or } 2$
	or		$Q11s_2 = 1 \text{ or } 2$
	or		$Q11t_2 = 1 \text{ or } 2$
3.	If $Q2a = 3$ and $Q2b=3$ and $Q2c=3$	=3 and	$Q12a_1 = 1 \text{ or } 2$
	or		$Q12b_1 = 1 \text{ or } 2$
	or		$Q12c_1 = 1 \text{ or } 2$
	or		$Q12d_1 = 1 \text{ or } 2$
	or		$Q12e_1 = 1 \text{ or } 2$
	or		$Q12f_1 = 1 \text{ or } 2$
	or	2 102 2 1	$Q12g_1 = 1 \text{ or } 2$
4.	If $Q2d = 3$ and $Q2e=3$ and $Q2f=$	=3 and $Q2g=3$ and	$Q12a_2 = 1 \text{ or } 2$
	or		$Q12b_2 = 1 \text{ or } 2$
	or		$Q12c_2 = 1 \text{ or } 2$
	or		$Q12d_2 = 1 \text{ or } 2$
	or		$Q12e_2 = 1 \text{ or } 2$
	or		$Q12f_2 = 1 \text{ or } 2$
5.		Q1 = b	$Q12g_2 = 1 \text{ or } 2$
٥.		Q1 = 0 Q1 = c	
	or	Q1 = C Q1 = d	
	or or	Q1 = d Q1 = e	
6.	If Q11a $1 = 3$ and	Q1 = C $Q2a = 1 or 2$	
0.	or	Q2b = 1 or 2	
	or	Q2c = 1 or 2	
7.	If Q11b $1 = 3$ and	Q2a = 1 or 2 $Q2a = 1 or 2$	
/ .	or 9 and	Q2b = 1 or 2 $Q2b = 1 or 2$	
	or	Q2c = 1 or 2 $Q2c = 1 or 2$	
L	V1	×20 1 01 2	

8.	If Q11c $1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
9.	If Q11d $1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
10.	If Q11e $1 = 3$ and	Q2a = 1 or 2
10.	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
11.	If $Q11f_1 = 3$ and	Q2a = 1 or 2
11.	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
12.	If $Q11g_1 = 3$ and	Q2a = 1 or 2
12.	or	Q2b = 1 or 2 $Q2b = 1 or 2$
	or	Q2c = 1 or 2 $Q2c = 1 or 2$
13.	$\begin{array}{c} \text{If Q11h } 1 = 3 \text{ and} \end{array}$	Q2a = 1 or 2 $Q2a = 1 or 2$
13.	` -	Q2b = 1 or 2 $Q2b = 1 or 2$
	or	
1.4	or If $Q11i_1 = 3$ and	Q2c = 1 or 2
14.	_	Q2a = 1 or 2 $Q2b = 1 or 2$
	or	
1.5	0f If O11: 1 = 2 and	Q2c = 1 or 2
15.	If $Q11j_1 = 3$ and	Q2a = 1 or 2 $Q2b = 1 or 2$
	or	Q2c = 1 or 2 $Q2c = 1 or 2$
16.	or If Q11k $1 = 3$ and	Q2a = 1 or 2 $Q2a = 1 or 2$
10.	or $Q \cap K_1 = 3$ and $Q \cap K_2 = 3$	Q2b = 1 or 2 $Q2b = 1 or 2$
		Q2c = 1 or 2 $Q2c = 1 or 2$
17.	or If Q111 $1 = 3$ and	Q2a = 1 or 2 $Q2a = 1 or 2$
17.	or 0111_1 = 3 and	Q2b = 1 or 2 $Q2b = 1 or 2$
		Q2c = 1 or 2 $Q2c = 1 or 2$
18.	or If Q11m $1 = 3$ and	Q2a = 1 or 2 $Q2a = 1 or 2$
10.	· –	
	or	Q2b = 1 or 2 $Q2c = 1 or 2$
10	$ \begin{array}{c c} \text{or} \\ \hline \text{If Q11n } 1 = 3 \text{ and} \end{array} $	Q2c = 1 or 2
19.	` -	Q2a = 1 or 2 $Q2b = 1 or 2$
	or	Q2b = 1 or 2
20	0f If O 11 = 1 = 2 = 1	Q2c = 1 or 2
20.	If $Q11o_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
21	0f 	Q2c = 1 or 2
21.	If $Q11p_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
22	or	Q2c = 1 or 2
22.	If $Q11q_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2

23.	If Q11r $1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
24.	If $Q11s_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
25.	If Q11t $1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
26.	If $Q11a_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
27.	If Q11b $2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
28.	If $Q11c_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
29.	If $Q11d_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
30.	If $Q11e_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
31.	If $Q11f_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
32.	If $Q11g_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
33.	If $Q11h_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
<u> </u>	or	Q2g = 1 or 2
34.	If $Q11i_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2

35. If Q11k_2 = 3 and			
or	35.	If $Q11j_2 = 3$ and	Q2d = 1 or 2
or Q2g = 1 or 2 or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 37. If Q111_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2g = 1		or	Q2e = 1 or 2
or Q2g = 1 or 2 or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 37. If Q111_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2g = 1		or	Q2f = 1 or 2
36. If Q11k_2 = 3 and		or	
or	36		
or	30.		`
or Q2g = 1 or 2 37. If Q111_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 39. If Q11n_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 43. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 <tr< th=""><th></th><th></th><th></th></tr<>			
37. If Q111_2 = 3 and			
or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 38. If Q11m_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 39. If Q11n_2 = 3 and Q2d = 1 or 2 or Q2f = 1 or 2			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	37.	If $Q111_2 = 3$ and	Q2d = 1 or 2
or Q2g = 1 or 2 38. If Q11m_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 39. If Q11n_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or		or	Q2e = 1 or 2
or Q2g = 1 or 2 38. If Q11m_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 39. If Q11n_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or		or	Q2f = 1 or 2
38. If Q11m_2 = 3 and		or	
or	38		
or	30.	· -	
or Q2g = 1 or 2 39. If Q11n_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 40. If Q11o_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 45. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 46. If Q11z_1 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2d = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 or Q2d = 1 or 2			
39. If Q11n_2 = 3 and			
or or OZ2 = 1 or 2 40. If Q110_2 = 3 and OZ2 = 1 or 2 or OZ2 = 1 or 2	20		` `
or	39.	_	
or		or	
40. If Q11o_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or		or	Q2f = 1 or 2
40. If Q11o_2 = 3 and or Q2d = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or		or	Q2g = 1 or 2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	40.	If $Q110 \ 2 = 3$ and	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
or			
41. If Q11p_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and or Q2d = 1 or 2 or Q2g = 1 or Q2g			
or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2e = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2e = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2	41		` •
or Q2f = 1 or 2 Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2g = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 or Q2c = 1 or 2 Or Q2c = 1 or 2 Or Q2d = 1 or 2	41.	·	
or Q2g = 1 or 2 42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2e = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 Or Q2c = 1 or 2 Or Q2c = 1 or 2 Or Q2c = 1 or 2 Or Q2b = 1 or 2 Or Q2c = 1 or 2			
42. If Q11q_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 Or Q2b = 1 or 2			
or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 Or Q2b = 1 or 2			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	42.	If $Q11q_2 = 3$ and	
or Q2g = 1 or 2 43. If Q11r_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2		or	
43. If Q11r_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or or Q2f = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and or Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and or Q2a = 1 or 2 Q2b = 1 or 2 or Q2b = 1 or 2 Q2b = 1 or 2		or	Q2f = 1 or 2
or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 Q2b = 1 or 2 Q2b = 1 or 2		or	Q2g = 1 or 2
or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 Q2b = 1 or 2 Q2b = 1 or 2	43.	If $O11r 2 = 3$ and	O2d = 1 or 2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
or Q2g = 1 or 2 44. If Q11s_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 or Q2e = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 or Q2b = 1 or 2 Or Q2b = 1 or 2 Or Q2c = 1 or 2 Or Q2c = 1 or 2 Or Q2b = 1 or 2 Or Q2c = 1 or 2 Or Q2b = 1 or 2 Or Q2b = 1 or 2 Or Q2b = 1 or 2			
44. If Q11s_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2f = 1 or 2 or or Q2f = 1 or 2 or Q2g = 1 or 2 45. If Q11t_2 = 3 and or Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 or Or Q2g = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Or Q2b = 1 or 2 or Q2c = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Or Q2a = 1 or 2 Or Q2b = 1 or 2 or Or Q2b = 1 or 2 47. If Q12b_1 = 3 and Or Q2b = 1 or 2			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	41		
or $Q2f = 1$ or 2 or $Q2g = 1$ or 2 45. If $Q11t_2 = 3$ and or $Q2d = 1$ or 2 or $Q2f = 1$ or 2 or $Q2g = 1$ or 2 46. If $Q12a_1 = 3$ and or $Q2a = 1$ or 2 or $Q2b = 1$ or 2 or $Q2c = 1$ or 2 47. If $Q12b_1 = 3$ and or $Q2a = 1$ or 2 or $Q2b = 1$ or 2 Q2b = 1 or 2 $Q2b = 1$ or 2		-	
or $Q2g = 1$ or 2 45. If $Q11t_2 = 3$ and or $Q2d = 1$ or 2 or $Q2e = 1$ or 2 or $Q2f = 1$ or 2 or $Q2g = 1$ or 2 or $Q2g = 1$ or 2 $Q2g = 1$ or 2 46. If $Q12a_1 = 3$ and or $Q2a = 1$ or 2 $Q2b = 1$ or 2 or $Q2c = 1$ or 2 $Q2c = 1$			
45. If Q11t_2 = 3 and Q2d = 1 or 2 or Q2e = 1 or 2 or Q2g = 1 or 2 46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 Q2b = 1 or 2 Q2c = 1 or 2 Q2b = 1 or 2 Q2b = 1 or 2 Q2b = 1 or 2			
or $Q2e = 1 \text{ or } 2$ or $Q2f = 1 \text{ or } 2$ or $Q2g = 1 \text{ or } 2$ 46. If $Q12a_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$ or $Q2c = 1 \text{ or } 2$ 47. If $Q12b_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$ $Q2b = 1 \text{ or } 2$			
or $Q2f = 1 \text{ or } 2$ or $Q2g = 1 \text{ or } 2$ 46. If $Q12a_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$ or $Q2c = 1 \text{ or } 2$ 47. If $Q12b_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$	45.	If $Q11t_2 = 3$ and	
or $Q2g = 1 \text{ or } 2$ 46. If $Q12a_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$ or $Q2c = 1 \text{ or } 2$ 47. If $Q12b_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$		or	
46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2		or	Q2f = 1 or 2
46. If Q12a_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2 or Q2c = 1 or 2 47. If Q12b_1 = 3 and Q2a = 1 or 2 or Q2b = 1 or 2		or	Q2g = 1 or 2
or $Q2b = 1 \text{ or } 2$ or $Q2c = 1 \text{ or } 2$ 47. If $Q12b_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$	46.	If $Q12a 1 = 3$ and	
or $Q2c = 1 \text{ or } 2$ 47. If $Q12b_1 = 3$ and $Q2a = 1 \text{ or } 2$ or $Q2b = 1 \text{ or } 2$		` -	
47. If $Q12b_1 = 3$ and $Q2a = 1$ or 2 or $Q2b = 1$ or 2			
or $Q2b = 1 \text{ or } 2$	17		`
· ·	4/.	_	
or $Q2c = 1 \text{ or } 2$			
		or	Q2c = 1 or 2

48.	If $Q12c_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
49.	If $Q12d_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
50.	If $Q12e_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
51.	If $Q12f_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
52.	If $Q12g_1 = 3$ and	Q2a = 1 or 2
	or	Q2b = 1 or 2
	or	Q2c = 1 or 2
53.	If $Q12a_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
54.	If $Q12b_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
55.	If $Q12c_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
56.	If $Q12d_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
57.	If $Q12e_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
58.	If $Q12f_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2
59.	If $Q12g_2 = 3$ and	Q2d = 1 or 2
	or	Q2e = 1 or 2
	or	Q2f = 1 or 2
	or	Q2g = 1 or 2

60.	If $Q91 = 2$ and	Q14a = 1
	or	Q14b = 1
	or	Q14c = 1
	or	Q14d = 1
	or	Q14e = 1
	or	Q14f = 1
	or	Q14g = 1
	or	Q14h = 1
	or	Q14i = 1
	or	Q14j = 1
	or	Q14k = 1
	or	Q141 = 1
	or	Q14m = 1
	or	Q14n = 1
	or	Q140 = 1
	or	Q14p = 1
	or	Q14q = 1
	or	Q14r = 1
	or	Q14s = 1
	or	Q14t = 1
	or	Q14u = 1
	or	Q14v = 1
61.	If $Q9m = 2$ and	Q15a = 1
	or	Q15b = 1
	or	Q15c = 1
	or	Q15d = 1
	or	Q15e = 1
	or	Q15f = 1
	or	Q15g = 1
	or	Q15h = 1
	or	Q15i = 1
	or	Q15j = 1
	or	Q15k = 1
	or	Q151 = 1
	or	Q15m = 1

62.	If $Q9q = 2$ and	Q10a = 1	
	or	Q10b = 1	
	or	Q10c = 1	
	or	Q10d = 1	
	or	Q10e = 1	
	or	Q10f = 1	
	or	Q10g = 1	
	or	Q10h = 1	
	or	Q10i = 1	
	or	Q10j = 1	
	or	Q10k = 1	
	or	Q101 = 1	
	or	Q10m = 1	
	or	Q10n = 1	
	or	Q10o = 1	
	or	Q10p = 1	
	or	Q10q = 1	
	or	Q10r = 1	
	or	Q10s = 1	
63.	If $Q9h = 2$ and $Q9i=2$ and $Q9n$	=2 and Q9o=2 and	$Q11a_1 = 1$
	or		$Q11b_1 = 1$
	or		$Q11c_1 = 1$
	or		$Q11d_1 = 1$
	or		$Q11e_1 = 1$
	or		$Q11f_1 = 1$
	or		$Q11g_1 = 1$
	or		$Q11h_1 = 1$
	or		$Q11i_1 = 1$
	or		$Q11j_1 = 1$
	or		$Q11k_1 = 1$
	or		Q111_1 = 1
	or		$Q11m_1 = 1$
	or		$Q11n_1 = 1$
	or		Q11o_1 = 1
	or		$Q11p_1 = 1$
	or		Q11q_1 = 1
	or		$Q11r_1 = 1$
	or		$Q11s_1 = 1$
	or		$Q11t_1 = 1$

64.	If $Q9h = 2$ and $Q9i=2$ and	O(n-2) and $O(n-2)$ and	Q11a 2 = 1
04.	` `		$Q11a_2 = 1$ $Q11b_1 = 1$
	or		$Q116_2 = 1$ $Q11c_2 = 1$
	or or		$Q116_2 = 1$ $Q11d_2 = 1$
	or		$Q11a_2 = 1$ $Q11e_2 = 1$
	or		$Q116_2 = 1$ $Q11f_2 = 1$
	or		$Q111_2 = 1$ Q11g 2 = 1
	or		$Q11g_2 = 1$ Q11h 2 = 1
	or		$Q11i_2 = 1$ $Q11i_2 = 1$
	or		$Q11i_2 = 1$ $Q11j_1 = 1$
	or		$Q11k_2 = 1$
	or		$Q111_2 = 1$
	or		Q11m 2 = 1
	or		$Q11n_2 = 1$
	or		Q11a 2 = 1
	or		$Q11p_2 = 1$
	or		Q11q 2 = 1
	or		Q11r 2 = 1
	or		Q11s 2 = 1
	or		$Q11t^{-}2 = 1$
65.	If $Q4a = 1$ or 2 and	Q4b = 3	_
	or	Q4c = 3	
	or	Q4d = 3	
66.	If $Q4b = 1$ or 2 and	Q4a = 3	
	or	Q4c = 3	
	or	Q4d = 3	
67.	If $Q4c = 1$ or 2 and	Q4a = 3	
	or	Q4b = 3	
	or	Q4d = 3	
68.	If $Q4d = 1$ or 2 and	Q4a = 3	
	or	Q4b = 3	
	or	Q4c = 3	
69.	If $Q5a = 1$ or 2 and	Q5b = 3	
	or	Q5c = 3	
	or	Q5d = 3	
	or	Q5e = 3	
	or	Q5f = 3	
	or	Q5g = 3	
	or	Q5h = 3	
70.	If $Q5b = 1$ or 2 and	Q5a = 3	
	or	Q5c = 3	
	or	Q5d = 3	
	or	Q5e = 3	
	or	Q5f = 3	
	or	Q5g = 3	
	or	Q5h = 3	

71.	If $Q5c = 1$ or 2 and	Q5a = 3
/1.		
	or	Q5b = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
	or	Q5g = 3
	or	Q5h = 3
72.	If $Q5d = 1$ or 2 and	Q5a = 3
12.		
	or	Q5b = 3
	or	Q5c = 3
	or	Q5e = 3
	or	Q5f = 3
	or	Q5g = 3
	or	Q5h = 3
73.	If $Q5e = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
		Q5d = 3 $Q5d = 3$
	or	
	or	Q5f = 3
	or	Q5g = 3
	or	Q5h = 3
74.	If $Q5f = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5g = 3
	or	Q5h = 3
75.	If $Q5g = 1$ or 2 and	Q5a = 3
75.	or	Q5b = 3
		Q5c = 3
	or	`
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
	or	Q5h = 3
76.	If $Q5h = 1$ or 2 and	Q5a = 3
	or	Q5b = 3
	or	Q5c = 3
	or	Q5d = 3
	or	Q5e = 3
	or	Q5f = 3
		Q5f = 3 $Q5g = 3$
77	0f If O6a = 1 or 2 and	
77.	If $Q6a = 1$ or 2 and	Q6b = 3
	or	Q6c = 3
	or	Q6d = 3
	or	Q6e = 3

78.	If $Q6b = 1$ or 2 and	Q6a = 3
	or	Q6c = 3
	or	Q6d = 3
	or	Q6e = 3
79.	If $Q6c = 1$ or 2 and	Q6a = 3
	or	Q6b = 3
	or	Q6d = 3
	or	Q6e = 3
80.	If $Q6d = 1$ or 2 and	Q6a = 3
	or	Q6b = 3
	or	Q6c = 3
	or	Q6e = 3
81.	If $Q6e = 1$ or 2 and	Q6a = 3
	or	Q6b = 3
	or	Q6c = 3
	or	Q6d = 3
82.	If $Q11a_1 = 1$ or 2 and	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	Q11t_1 = 3

83.	If $Q11b_1 = 1$ or 2 and	Q11a 1 = 3
	or	$Q11c^{-}1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	Q11h 1 = 3
	or	Q11i 1 = 3
	or	$Q11j^{-}1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	Q11t_1 = 3
84.	If $Q11c_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_{-1} = 3$
	or	$Q11s_{-1} = 3$
	or	Q11t 1 = 3

85.	If $Q11d_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	Q11s_1 = 3
	or	$Q11t_1 = 3$
86.	If $Q11e_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$

87.	If Q11f $1 = 1$ or 2 and	Q11a 1 = 3
	or	$Q11b_{1} = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_{1} = 3$
	or	$Q11e_{1} = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	Q11q_1 = 3
	or	$Q11r_1 = 3$
	or	Q11s_1 = 3
	or	$Q11t_1 = 3$
88.	If $Q11g_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11h_1 = 3$
	or	Q11i_1 = 3
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	Q11t_1 = 3

89.	If Q11h $1 = 1$ or 2 and	Q11a 1 = 3
67.	or	Q11b 1 = 3
		Q116_1 = 3 Q11c_1 = 3
	or	Q11d 1 = 3
	or	
	or	Q11e_1 = 3
	or	Q11f_1 = 3
	or	$Q11g_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_{-1} = 3$
	or	Q111_1 = 3
	or	Q11m_1 = 3
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
90.	If $Q11i_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q110_{1} = 3$
	or	$Q11p_{1} = 3$
	or	Q11q 1 = 3
	or	Q11r 1 = 3
	or	$Q11s^{-}1 = 3$
	or	$Q11t_{1} = 3$

91.	If $Q11j_1 = 1$ or 2 and	Q11a 1 = 3
	or	$Q11b^{-}1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d^{-}1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g^{-}1 = 3$
	or	$Q11h_1 = 3$
	or	Q11i 1 = 3
	or	$Q11k_{1} = 3$
	or	$Q111_{1} = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	Q11t_1 = 3
92.	If $Q11k_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q110_{-1} = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or or	$Q11q_1 = 3$ $Q11r_1 = 3$
	or	$Q11q_1 = 3$

_		
93.	If $Q111_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_{1} = 3$
	or	$Q11t_{1} = 3$
94.	If $Q11m_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
1		
	or	Q11s_1 = 3 Q11t 1 = 3

95.	If $Q11n_1 = 1$ or 2 and	Q11a 1 = 3
	or	$Q11b^{-}1 = 3$
	or	$Q11c^{-}1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e^{-1} = 3$
	or	$Q11f^{-}1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	Q11 $i = 3$
	or	$Q11j_1 = 3$
	or	Q11k 1 = 3
	or	Q111 1 = 3
	or	$Q11m_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
96.	If $Q11o_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	011k 1 = 3
		$Q11k_1 = 3$
	or	$Q111_{1} = 3$
	or or	$Q111_{1} = 3$ $Q11m_{1} = 3$
	or or or	$Q111_{-1}^{1} = 3$ $Q11m_{-1}^{1} = 3$ $Q11n_{-1}^{1} = 3$
	or or or	$Q111_{-1}^{1} = 3$ $Q11m_{-1}^{1} = 3$ $Q11n_{-1}^{1} = 3$ $Q11p_{-1}^{1} = 3$
	or or or or	Q111_1 = 3 Q11m_1 = 3 Q11n_1 = 3 Q11p_1 = 3 Q11q_1 = 3
	or or or or or	Q111_1 = 3 Q11m_1 = 3 Q11n_1 = 3 Q11p_1 = 3 Q11q_1 = 3 Q11r_1 = 3
	or or or or	Q111_1 = 3 Q11m_1 = 3 Q11n_1 = 3 Q11p_1 = 3 Q11q_1 = 3

07	ICO11 1 1 2 1	011 1 2
97.	If $Q11p_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11q^{-}1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_{1} = 3$
	or	$Q11t_{1} = 3$
98.	If $Q11q_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11r_{1} = 3$
	or	$Q11s_{1} = 3$
1	or	Q11t 1 = 3

	70.011 1 1 1 1	
99.	If $Q11r_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_1 = 3$
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11s_1 = 3$
	or	$Q11t_1 = 3$
100.	If $Q11s_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_1 = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_1 = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	$Q111_1 = 3$
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	$Q11o_{1}^{-}1 = 3$
	or	$Q11p_{1}=3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	$Q11t_{1} = 3$

101.	If $Q11t_1 = 1$ or 2 and	$Q11a_1 = 3$
	or	$Q11b_{1} = 3$
	or	$Q11c_1 = 3$
	or	$Q11d_1 = 3$
	or	$Q11e_{1} = 3$
	or	$Q11f_1 = 3$
	or	$Q11g_1 = 3$
	or	$Q11h_1 = 3$
	or	$Q11i_1 = 3$
	or	$Q11j_1 = 3$
	or	$Q11k_1 = 3$
	or	Q111_1 = 3
	or	$Q11m_1 = 3$
	or	$Q11n_1 = 3$
	or	Q11o_1 = 3
	or	$Q11p_1 = 3$
	or	$Q11q_1 = 3$
	or	$Q11r_1 = 3$
	or	Q11s_1 = 3
102.	If $Q11a_2 = 1$ or 2 and	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	Q111_2 = 3
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$

103.	If $Q11b_2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11c^{-}2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11f^{-}2 = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i^{-}2 = 3$
	or	$Q11j^{2} = 3$
	or	$Q11k^{-}2 = 3$
	or	$Q111^{2} = 3$
	or	Q11m 2 = 3
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_{2} = 3$
	or	$Q11s_{2} = 3$
	or	$Q11t_{2} = 3$
104.	If $Q11c_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
		011 - 2 2
	or	$Q11q_2 = 3$
	or or	$Q11r_{2} = 3$

105.	If $Q11d_2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11b^{-}2 = 3$
	or	$Q11c^{-}2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11f^{-}2 = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i^{2} = 3$
	or	$Q11j^2 = 3$
	or	$Q11k_{2} = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
106.	If $Q11e_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q110_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
1		
	or or	$Q11s_2 = 3$ $Q11t_2 = 3$

107.	If $Q11f_2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11b^{-}2 = 3$
	or	$Q11c^{-}2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i^{2} = 3$
	or	$Q11j^{2} = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
108.	If $Q11g_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	Q11j $2 = 3$
	or	$Q11k_{2} = 3$
	or or	$Q11k_2 = 3$ $Q11l_2 = 3$
	or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$
	or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$
	or or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$ $Q11o_2 = 3$
	or or or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$ $Q11o_2 = 3$ $Q11p_2 = 3$
	or or or or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$ $Q11o_2 = 3$ $Q11p_2 = 3$ $Q11q_2 = 3$
	or or or or or or or or or	Q11k 2 = 3 Q11l 2 = 3 Q11m 2 = 3 Q11n 2 = 3 Q11o 2 = 3 Q11p 2 = 3 Q11q 2 = 3 Q11r_2 = 3
	or or or or or or	$Q11k_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$ $Q11o_2 = 3$ $Q11p_2 = 3$ $Q11q_2 = 3$

109.	If Q11h $2 = 1$ or 2 and	Q11a 2 = 3
105.	or	Q11b 2 = 3
	or	Q11c 2 = 3
	or	Q11d 2 = 3
	or	$Q11e_2 = 3$
	or	Q11f 2 = 3
	or	Q11g 2 = 3
	or	Q11i ₂ = 3
	or	$Q11j_2 = 3$
	or	Q11k 2 = 3
	or	$Q111^{-}2 = 3$
	or	Q11m 2 = 3
	or	$0.011 \text{m} \cdot \text{m}^{-2} = 3$
	or	$0110^{-}2 = 3$
	or	$Q11p^{-}2 = 3$
	or	$Q11q_2 = 3$
	or	$0.011r_{2} = 3$
	or	$Q11s_{2} = 3$
	or	$Q11t_{2} = 3$
110.	If $Q11i_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_{2} = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	Q111_2 = 3
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q110_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$

111.	If $Q11j_2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11b^{-}2 = 3$
	or	$Q11c^{-}2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11f^{2} = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i^{2} = 3$
	or	$Q11k_{2} = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
112.	If $Q11k_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	Q11e $2 = 3$
	or	$Q11f_{2} = 3$
	or or	$Q11f_2 = 3$ $Q11g_2 = 3$
	or or	$Q11f_{2} = 3$ $Q11g_{2} = 3$ $Q11h_{2} = 3$
	or or or	$Q11f_{2} = 3$ $Q11g_{2} = 3$ $Q11h_{2} = 3$ $Q11i_{2} = 3$
	or or or	$Q11f_2 = 3$ $Q11g_2 = 3$ $Q11h_2 = 3$ $Q11i_2 = 3$ $Q11j_2 = 3$
	or or or or	$Q11f_2 = 3$ $Q11g_2 = 3$ $Q11h_2 = 3$ $Q11i_2 = 3$ $Q11j_2 = 3$ $Q11l_2 = 3$
	or or or or or	$Q11f_2 = 3$ $Q11g_2 = 3$ $Q11h_2 = 3$ $Q11i_2 = 3$ $Q11i_2 = 3$ $Q111_2 = 3$ $Q11m_2 = 3$
	or or or or or or	$Q11f_2 = 3$ $Q11g_2 = 3$ $Q11h_2 = 3$ $Q11i_2 = 3$ $Q11j_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$
	or or or or or or or or or	Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11o_2 = 3
	or	$Q11f_2 = 3$ $Q11g_2 = 3$ $Q11h_2 = 3$ $Q11i_2 = 3$ $Q11j_2 = 3$ $Q11l_2 = 3$ $Q11m_2 = 3$ $Q11n_2 = 3$ $Q11p_2 = 3$ $Q11p_2 = 3$
	or	Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11p_2 = 3 Q11q_2 = 3
	or o	Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11p_2 = 3 Q11q_2 = 3 Q11q_2 = 3 Q11r_2 = 3
	or	Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11p_2 = 3 Q11q_2 = 3

113.	If $Q111_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_{2} = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
114.	If $Q11m_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_{2} = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_{2} = 3$
	or	Q11t 2 = 3

115.	If $Q11n_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
116.	If $Q11o_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_{2} = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_{2} = 3$
	or	$Q11t_2 = 3$

117.	If Q11p $2 = 1$ or 2 and	Q11a $2 = 3$
	or	$Q11b^{-}2 = 3$
	or	$Q11c^{-}2 = 3$
	or	$Q11d^{-}2 = 3$
	or	$Q11e^{-}2 = 3$
	or	$Q11f^{2} = 3$
	or	$Q11g_{2} = 3$
	or	$Q11h_2 = 3$
	or	$Q11i^{2} = 3$
	or	$Q11j^{2} = 3$
	or	$Q11k^{2} = 3$
	or	$Q111^{2} = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_{2} = 3$
	or	$Q11o_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
118.	If $Q11q_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	Q11b $2 = 3$
	01	` _
	or	$Q11c_{2} = 3$
		$Q11c_2 = 3$ $Q11d_2 = 3$
	or	$Q11c_2 = 3$ $Q11d_2 = 3$ $Q11e_2 = 3$
	or or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3
	or or or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3
	or or or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3
	or or or or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3
	or or or or or or or or or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3
	or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11k_2 = 3
	or	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11k_2 = 3 Q11l_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11j_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11l_2 = 3 Q11l_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11i_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11l_2 = 3 Q11l_2 = 3 Q11l_2 = 3 Q11l_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11i_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11n_2 = 3 Q11o_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11i_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11o_2 = 3 Q11p_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11i_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11p_2 = 3 Q11p_2 = 3 Q11r_2 = 3
	or o	Q11c_2 = 3 Q11d_2 = 3 Q11e_2 = 3 Q11f_2 = 3 Q11g_2 = 3 Q11h_2 = 3 Q11i_2 = 3 Q11i_2 = 3 Q11k_2 = 3 Q11l_2 = 3 Q11m_2 = 3 Q11n_2 = 3 Q11o_2 = 3 Q11p_2 = 3

119.	If $Q11r_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_2 = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_{2} = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11s_2 = 3$
	or	$Q11t_2 = 3$
120.	If $Q11s_2 = 1$ or 2 and	$Q11a_2 = 3$
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	$Q11e_2 = 3$
	or	$Q11f_2 = 3$
	or	$Q11g_2 = 3$
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	$Q11k_2 = 3$
	or	$Q111_{2} = 3$
	or	$Q11m_2 = 3$
	or	$Q11n_2 = 3$
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	$Q11r_2 = 3$
	or	Q11t 2 = 3

121.	If Q11t $2 = 1$ or 2 and	Q11a 2 = 3
	or	$Q11b_2 = 3$
	or	$Q11c_2 = 3$
	or	$Q11d_2 = 3$
	or	Q11e $2 = 3$
	or	$Q11f^{-}2 = 3$
	or	Q11g 2 = 3
	or	$Q11h_2 = 3$
	or	$Q11i_2 = 3$
	or	$Q11j_2 = 3$
	or	Q11k $2 = 3$
	or	$Q111^{2} = 3$
	or	$Q11m^{-}2 = 3$
		$Q11m_2 = 3$ $Q11n_3 = 3$
	or	` _
	or	$Q11o_2 = 3$
	or	$Q11p_2 = 3$
	or	$Q11q_2 = 3$
	or	Q11r $2 = 3$
	or	$0.011 \text{ s}^{-} 2 = 3$
122.	If Q12a $1 = 1$ or 2 and	$Q12b \ 1 = 3$
122.		` _
	or	$Q12c_{-1} = 3$
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	Q12f $1 = 3$
	or	$Q12g^{-}1 = 3$
123.	If Q12b $1 = 1$ or 2 and	$Q12a \ 1 = 3$
123.	_	Q12c 1 = 3
	or	
	or	$Q12d_{1} = 3$
	or	$Q12e_1 = 3$
	or	$Q12f_1 = 3$
	or	Q12g $1 = 3$
124.	If Q12c $1 = 1$ or 2 and	Q12a 1 = 3
	or	$Q12b^{-}1 = 3$
		Q12d 1 = 3
	or	` _
	or	$Q12e_{1} = 3$
	or	$Q12f_1 = 3$
	or	$Q12g_1 = 3$
125.	If Q12d $1 = 1$ or 2 and	Q12a 1 = 3
	or	$Q12b^{-}1 = 3$
	or	Q12c = 3
	or	$Q12e_1 = 3$
	or	Q12f_1 = 3
	or	$Q12g_1 = 3$
126.	If $Q12e_1 = 1$ or 2 and	$Q12a_1 = 3$
	or	$Q12b^{-}1 = 3$
	or	$Q12c^{-}1 = 3$
		$Q12d_1 = 3$
	or	
	or	Q12f_1 = 3
	or	$Q12g_1 = 3$

127.	If Q12f $1 = 1$ or 2 and	Q12a $1 = 3$
	or	$Q12b^{-}1 = 3$
		Q12c 1 = 3
	or	` _
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	Q12g $1 = 3$
128.	If $Q12g_1 = 1$ or 2 and	Q12a 1 = 3
120.	or	Q12b = 3
	or	$Q12c_1 = 3$
	or	$Q12d_1 = 3$
	or	$Q12e_1 = 3$
	or	$Q12f^{-}1 = 3$
129.	If Q12a $2 = 1$ or 2 and	Q12b 2 = 3
12).		$Q12c_2 = 3$
	or	
	or	$Q12d_2 = 3$
	or	$Q12e_2 = 3$
	or	$Q12f_2 = 3$
	or	$Q12g^{-}2 = 3$
130.	If $Q12b_2 = 1$ or 2 and	Q12a 2 = 3
130.	or	Q12c 2 = 3
	or	$Q12d_2 = 3$
	or	$Q12e_2 = 3$
	or	$Q12f_2 = 3$
	or	$Q12g_2 = 3$
131.	If $Q12c_2 = 1$ or 2 and	Q12a $2 = 3$
	or	$Q12b^{-}2 = 3$
	or	$Q12d^{-}2 = 3$
		$Q12e^{-2} = 3$
	or	· —
	or	$Q12f_2 = 3$
	or	$Q12g_2 = 3$
132.	If $Q12d_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	Q12b $2 = 3$
	or	$Q12c^{-}2 = 3$
	or	$Q12e^{-2} = 3$
		Q12f 2 = 3
	or	` _
100	or	$Q12g_2 = 3$
133.	If $Q12e_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_2 = 3$
	or	$Q12c_{2} = 3$
	or	$Q12d^{-}2 = 3$
		Q12f 2 = 3
	or	
12:	or	$Q12g_2 = 3$
134.	If $Q12f_2 = 1$ or 2 and	$Q12a_2 = 3$
	or	$Q12b_2 = 3$
	or	$Q12c^{-}2 = 3$
	or	$Q12d^{-}2 = 3$
	or	$Q12e^{-2} = 3$
	or	$Q12g_2 = 3$

135.	If $Q12g_2 = 1$ or 2 and	Q12a $2 = 3$
		$Q12b \ 2 = 3$
	or	` _
	or	$Q12c_2 = 3$
	or	Q12d $2 = 3$
	or	$Q12e^{-}2 = 3$
	or	$Q12f_2 = 3$
136.	If Q11a $1 = 3$ and	Q12a $1 = 1$ or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
		` _
	or	$Q12c_1 = 1 \text{ or } 2$
	or	Q12d $1 = 1$ or 2
	or	$Q12e^{-}1 = 1 \text{ or } 2$
		Q12f 1 = 1 or 2
	or	
	or	$Q12g_1 = 1 \text{ or } 2$
137.	If $Q11b_1 = 3$ and	Q12a $1 = 1$ or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	Q12d $1 = 1$ or 2
	or	$Q12e^{-1} = 1 \text{ or } 2$
		Q12f 1 = 1 or 2
	or	` _
	or	$Q12g_1 = 1 \text{ or } 2$
138.	If Q11c $1 = 3$ and	Q12a $1 = 1$ or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
		-
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	Q12e $1 = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
139.	If Q11d $1 = 3$ and	Q12a $1 = 1$ or 2
	or	Q12b 1 = 1 or 2
		Q12c 1 = 1 or 2
	or	` =
	or	$Q12d_1 = 1 \text{ or } 2$
	or	Q12e $1 = 1$ or 2
	or	$Q12f^{-}1 = 1 \text{ or } 2$
		Q12g_1 = 1 or 2
1.40	or	
140.	If $Q11e_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
		Q12d 1 = 1 or 2
	or	
	or	$Q12e_1 = 1 \text{ or } 2$
	or	Q12f $1 = 1$ or 2
	or	$Q12g^{-}1 = 1 \text{ or } 2$
1/1	If Q11f 1 = 3 and	$Q12a \ 1 = 1 \text{ or } 2$
141.		
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	Q12d $1 = 1$ or 2
		` _
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
	01	X125_1 1 01 2

142.	If Q11g $1 = 3$ and	Q12a $1 = 1$ or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g^{-}1 = 1 \text{ or } 2$
143.	If Q11h $1 = 3$ and	Q12a 1 = 1 or 2
	or	0.02b = 1 = 1 or 2
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g^{-}1 = 1 \text{ or } 2$
144.	If Q11i $1 = 3$ and	Q12a 1 = 1 or 2
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
145.	If Q11j $1 = 3$ and	Q12a $1 = 1$ or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
146.	If $Q11k_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
147.	If $Q111_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$

148.	If $O(11m \cdot 1) = 2$ and	Q12a 1 = 1 or 2
140.	If $Q11m_1 = 3$ and	
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
149.	If Q11n $1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	Q12b 1 = 1 or 2
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g^{-}1 = 1 \text{ or } 2$
150.	If Q110 $1 = 3$ and	Q12a 1 = 1 or 2
	or	$Q12b^{-}1 = 1 \text{ or } 2$
	or	$Q12c^{-}1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	Q12e $1 = 1$ or 2
	or	Q12f 1 = 1 or 2
	or	Q12g_1 = 1 or 2
151.	If Q11p $1 = 3$ and	Q12a 1 = 1 or 2
151.	or	Q12b 1 = 1 or 2
	or	Q12c 1 = 1 or 2
	or	Q12d 1 = 1 or 2
	or	Q12e 1 = 1 or 2
	or	Q12f 1 = 1 or 2
	or	Q12g_1 = 1 or 2
152.	If Q11q $1 = 3$ and	Q12a 1 = 1 or 2
132.	or	Q12a_1 = 1 of 2 Q12b_1 = 1 or 2
	or	Q12c 1 = 1 or 2
		Q12d 1 = 1 or 2
	or	Q12d_1 = 1 of 2 Q12e 1 = 1 or 2
	or	$Q12e_1 - 1 \text{ of } 2$ $Q12f_1 = 1 \text{ or } 2$
	or	· —
152	or Iso11 - 1 - 2 1	$Q12g_1 = 1 \text{ or } 2$
153.	If $Q11r_1 = 3$ and	Q12a_1 = 1 or 2
	or	$Q12b_1 = 1 \text{ or } 2$
	or	Q12c_1 = 1 or 2
	or	$Q12d_{1} = 1 \text{ or } 2$
	or	$Q12e_{1} = 1 \text{ or } 2$
	or	$Q12f_1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$

154.	If $Q11s_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d^{-}1 = 1 \text{ or } 2$
	or	$Q12e^{-1} = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
155.	If $Q11t_1 = 3$ and	$Q12a_1 = 1 \text{ or } 2$
	or	$Q12b_1 = 1 \text{ or } 2$
	or	$Q12c_1 = 1 \text{ or } 2$
	or	$Q12d_1 = 1 \text{ or } 2$
	or	$Q12e_1 = 1 \text{ or } 2$
	or	$Q12f^{-}1 = 1 \text{ or } 2$
	or	$Q12g_1 = 1 \text{ or } 2$
156.	If $Q11a_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
157.	If $Q11b_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
158.	If $Q11c_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
159.	If $Q11d_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$

1.00	ICO11 2 2 1	010 0 1 0
160.	If $Q11e_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$Q12f^{-}2 = 1 \text{ or } 2$
	or	Q12g 2 = 1 or 2
161.	If Q11f $2 = 3$ and	Q12a 2 = 1 or 2
101.	or	Q12b 2 = 1 or 2
	or	Q12c 2 = 1 or 2
	or	$Q12d \ 2 = 1 \text{ or } 2$
	or	Q12e 2 = 1 or 2
	or	Q12f 2 = 1 or 2
	or	Q12g_2 = 1 or 2
162.	If Q11g $2 = 3$ and	Q12a 2 = 1 or 2
102.	• •	$Q12a_2 = 1 \text{ or } 2$ $Q12b_2 = 1 \text{ or } 2$
	or	-
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
163.	If $Q11h_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
164.	If Q11i $2 = 3$ and	Q12a 2 = 1 or 2
	or	$Q12b^{-}2 = 1 \text{ or } 2$
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$Q12f^{-}2 = 1 \text{ or } 2$
	or	$0.12g^{-}2 = 1 \text{ or } 2$
165.	If $Q11j_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b \ 2 = 1 \text{ or } 2$
	or	$Q12c^2 = 1 \text{ or } 2$
	or	Q12d 2 = 1 or 2
	or	Q12e 2 = 1 or 2
	or	Q12f 2 = 1 or 2
	or	$Q12g^2 = 1 \text{ or } 2$
<u></u>	01	<

166.	If Q11k $2 = 3$ and	Q12a 2 = 1 or 2
100.	or	$Q12b \ 2 = 1 \text{ or } 2$
	or	Q12c 2 = 1 or 2
		$Q126_2 = 1 \text{ or } 2$
	or	` _
	or	Q12e_2 = 1 or 2
	or	$Q12f_2 = 1 \text{ or } 2$
1.5-	or	$Q12g_2 = 1 \text{ or } 2$
167.	If $Q111_2 = 3$ and	$Q12a_2 = 1 \text{ or } 2$
	or	$Q12b_2 = 1 \text{ or } 2$
	or	$Q12c_2 = 1 \text{ or } 2$
	or	$Q12d_2 = 1 \text{ or } 2$
	or	$Q12e_2 = 1 \text{ or } 2$
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
168.	If Q11m $2 = 3$ and	Q12a $2 = 1$ or 2
	or	$Q12b^{-}2 = 1 \text{ or } 2$
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	$0.012f_{2}^{-} = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$
169.	If Q11n $2 = 3$ and	$Q12a \ 2 = 1 \text{ or } 2$
	or	$Q12b^{-}2 = 1 \text{ or } 2$
	or	$Q12c^{-}2 = 1 \text{ or } 2$
	or	$Q12d^{-}2 = 1 \text{ or } 2$
	or	$Q12e^{-}2 = 1 \text{ or } 2$
	or	Q12f 2 = 1 or 2
	or	Q12g 2 = 1 or 2
170.	If Q110 $2 = 3$ and	Q12a 2 = 1 or 2
1,0.	or	$Q12b \ 2 = 1 \text{ or } 2$
	or	Q12c 2 = 1 or 2
	or	$Q12d \ 2 = 1 \text{ or } 2$
	or	Q12e 2 = 1 or 2
	or	$Q126_{-2} = 1 \text{ or } 2$
	or	Q12g 2 = 1 or 2
171.	If $Q11p_2 = 3$ and	Q12g_2 = 1 or 2
1/1.		$Q12a_2 = 1 \text{ or } 2$ $Q12b_1 = 1 \text{ or } 2$
	or	Q126 2 = 1 or 2
	or	$Q12e_2 = 1 \text{ or } 2$ $Q12d_2 = 1 \text{ or } 2$
	or	$Q12a_2 = 1 \text{ or } 2$ $Q12e_2 = 1 \text{ or } 2$
	or	
	or	$Q12f_2 = 1 \text{ or } 2$
	or	$Q12g_2 = 1 \text{ or } 2$

172. If Q11q_2 = 3 and			
or	172.	If Q11q $2 = 3$ and	Q12a $2 = 1$ or 2
or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 173. If Q11r_2 = 3 and Q12a_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 174. If Q11s_2 = 3 and Q12a_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_1 = 1 or 2 or Q11c_1 = 1 or 2			
or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12e_2 = 1 or 2 173. If Q11r_2 = 3 and Q12a_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12e_1 = 1 or 2 or Q11e_1 = 1 or 2			• —
or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 173. If Q11r_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_1 = 1 or 2 or Q11c_1 = 1 or 2			
or			
or Q12g_2 = 1 or 2 173. If Q11r_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 174. If Q11s_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2		or	
173. If Q11r_2 = 3 and		or	· _
or		or	$Q12g_2 = 1 \text{ or } 2$
or	173.	If O11r $2 = 3$ and	$O12a \ 2 = 1 \text{ or } 2$
or		` -	
or			
or			` _
or			` =
or Q12g 2 = 1 or 2 174. If Q11s 2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_2 = 1 or 2 175. If Q11t_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12f_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2			` _
174. If Q11s_2 = 3 and or or Q12b_2 = 1 or 2 Q12b_2 = 1 or 2 Q12b_2 = 1 or 2 Q12c_2 = 1 or 2 Q12c_2 = 1 or 2 Q12d_2 = 1 or 2 Q12d_2 = 1 or 2 Q12e_2 = 1 or 2 Q12e_2 = 1 or 2 Q12f_2 = 1 or 2 Q11f_1 = 1 or 2 Q1f_1			` _
or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 or Q12g_2 = 1 or 2 175. If Q11t_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2			
or	174.	If $Q11s_2 = 3$ and	` _
or		or	
or		or	Q12c $2 = 1 \text{ or } 2$
or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 175. If Q11t_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2		or	
or Q12f_2 = 1 or 2 Q12g_2 = 1 or 2 175. If Q11t_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2			` _
or Q12g_2 = 1 or 2 175. If Q11t_2 = 3 and Q12a_2 = 1 or 2 or Q12b_2 = 1 or 2 or Q12c_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2			
175. If Q11t_2 = 3 and or or Q12b_2 = 1 or 2 Q12b_2 = 1 or 2 or or Q12c_2 = 1 or 2 Q12d_2 = 1 or 2 or Q12d_2 = 1 or 2 Q12d_2 = 1 or 2 or Q12f_2 = 1 or 2 Q12g_2 = 1 or 2 or Q12g_2 = 1 or 2 Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 Q11d_1 = 1 or 2 or Q11g_1 = 1 or 2 Q11g_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11b_1 = 1 or 2			` _
or	175		
or	1/5.		` _
or Q12d_2 = 1 or 2 or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11g_1 = 1 or 2 or Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2		or	
or Q12e_2 = 1 or 2 or Q12f_2 = 1 or 2 Or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11e_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2 or Q11h_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2		or	
or Q12f_2 = 1 or 2 or Q12g_2 = 1 or 2 176. If Q12a_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11d_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11h_1 = 1 or 2		or	• —
or $Q12g_2 = 1$ or 2 176. If $Q12a_1 = 3$ and $Q11a_1 = 1$ or 2 or $Q11b_1 = 1$ or 2 or $Q11c_1 = 1$ or 2 or $Q11d_1 = 1$ or 2 or $Q11d_1 = 1$ or 2 or $Q11e_1 = 1$ or 2		or	$Q12e_2 = 1 \text{ or } 2$
176. If Q12a_1 = 3 and or Q11a_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11c_1 = 1 or 2 or Q11d_1 = 1 or 2 Q11e_1 = 1 or 2 or Q11f_1 = 1 or 2 Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2 Q11i_1 = 1 or 2 or Q11j_1 = 1 or 2 Q11j_1 = 1 or 2 or Q11l_1 = 1 or 2 Q11l_1 = 1 or 2 or Q11l_1 = 1 or 2 Q11l_1 = 1 or 2		or	$Q12f_2 = 1 \text{ or } 2$
176. If Q12a_1 = 3 and or Q11a_1 = 1 or 2 Q11b_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11c_1 = 1 or 2 or Q11d_1 = 1 or 2 Q11e_1 = 1 or 2 or Q11f_1 = 1 or 2 Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2 Q11i_1 = 1 or 2 or Q11j_1 = 1 or 2 Q11j_1 = 1 or 2 or Q11l_1 = 1 or 2 Q11l_1 = 1 or 2 or Q11l_1 = 1 or 2 Q11l_1 = 1 or 2		or	Q12g $2 = 1$ or 2
or $Q11b_1 = 1 \text{ or } 2$ or $Q11c_1 = 1 \text{ or } 2$ or $Q11d_1 = 1 \text{ or } 2$ or $Q11e_1 = 1 \text{ or } 2$	176.	If Q12a $1 = 3$ and	Q11a $1 = 1 \text{ or } 2$
or $Q11c_1 = 1 \text{ or } 2$ or $Q11d_1 = 1 \text{ or } 2$ or $Q11e_1 = 1 \text{ or } 2$ or $Q11f_1 = 1 \text{ or } 2$ or $Q11g_1 = 1 \text{ or } 2$ or $Q11h_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$		· -	` _
or $Q11d_1 = 1 \text{ or } 2$ or $Q11e_1 = 1 \text{ or } 2$ or $Q11f_1 = 1 \text{ or } 2$ or $Q11g_1 = 1 \text{ or } 2$ or $Q11h_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$			• —
or $Q11e_1 = 1 \text{ or } 2$ or $Q11f_1 = 1 \text{ or } 2$ or $Q11g_1 = 1 \text{ or } 2$ or $Q11h_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$			
or $Q11f_{-}^{-}1 = 1 \text{ or } 2$ or $Q11g_{-}1 = 1 \text{ or } 2$ or $Q11h_{-}1 = 1 \text{ or } 2$ or $Q11i_{-}1 = 1 \text{ or } 2$ or $Q11i_{-}1 = 1 \text{ or } 2$ or $Q11k_{-}1 = 1 \text{ or } 2$ or $Q11l_{-}1 = 1 \text{ or } 2$ or $Q11l_{-}1 = 1 \text{ or } 2$			• —
or $Q11g_1 = 1 \text{ or } 2$ or $Q11h_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11i_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$ or $Q11m_1 = 1 \text{ or } 2$			` _
or $Q11h_{-}1 = 1 \text{ or } 2$ or $Q11i_{-}1 = 1 \text{ or } 2$ or $Q11j_{-}1 = 1 \text{ or } 2$ or $Q11k_{-}1 = 1 \text{ or } 2$ or $Q11k_{-}1 = 1 \text{ or } 2$ or $Q11m_{-}1 = 1 \text{ or } 2$			` _
or $Q11i_1 = 1 \text{ or } 2$ or $Q11j_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11k_1 = 1 \text{ or } 2$ or $Q11l_1 = 1 \text{ or } 2$			` <u>C</u>
or $Q11j_{-}^{-}1 = 1 \text{ or } 2$ or $Q11k_{-}1 = 1 \text{ or } 2$ or $Q11l_{-}1 = 1 \text{ or } 2$ or $Q11m_{-}1 = 1 \text{ or } 2$			
or $Q11k_{-}1 = 1 \text{ or } 2$ or $Q11l_{-}1 = 1 \text{ or } 2$ or $Q11m_{-}1 = 1 \text{ or } 2$		or	
or $Q111_{1} = 1 \text{ or } 2$ or $Q11m_{1} = 1 \text{ or } 2$		or	
or $Q11m_1 = 1 \text{ or } 2$		or	$Q11k_1 = 1 \text{ or } 2$
or $Q11m_1 = 1 \text{ or } 2$		or	$Q111_1 = 1 \text{ or } 2$
		or	
or $O(\ln n) = 1 \text{ or } Z$		or	$\sqrt{211} = 1 \text{ or } 2$
or $Q110 1 = 1 \text{ or } 2$			` _
`` `			
or $Q11q_1 = 1 \text{ or } 2$			
or $Q11r_1 = 1 \text{ or } 2$			` _
or $Q11s_1 = 1 \text{ or } 2$			
or $Q11t_1 = 1 \text{ or } 2$		or	$Q11t_1 = 1 \text{ or } 2$

or			
or	177.	If $Q12b_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
or Q11d_1 = 1 or 2 or Q11e_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11f_1 = 1 or 2 or Q11h_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q1i_1 = 1 or 2 or Q1i_1 = 1 or 2 or Q1i_1 = 1 or 2 or Q1ih_1 = 1 or 2		or	` -
or		or	
or Q11f_1 = 1 or 2 or Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2		or	
or Q11g_1 = 1 or 2 or Q11h_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2		or	` -
or Q11h_1 = 1 or 2 or Q11i_1 = 1 or 2 or Q11j_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11o_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and or Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 Q11c_1 = 1 or 2		or	· -
or Q11i_1 = 1 or 2 or Q11j_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11s_1 = 1 or 2		or	$Q11g_1 = 1 \text{ or } 2$
or Q11j_1 = 1 or 2 or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q1l_1 = 1 or 2		or	$Q11h_1 = 1 \text{ or } 2$
or Q11k_1 = 1 or 2 or Q11l_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	
or Q111_1 = 1 or 2 or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11o_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 Or Q11b_1 = 1 or 2 Or Q11b_1 = 1 or 2 Or Q11c_1 = 1 or 2		or	$Q11j_1 = 1 \text{ or } 2$
or Q11m_1 = 1 or 2 or Q11n_1 = 1 or 2 or Q11o_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11k_1 = 1 \text{ or } 2$
or Q11n_1 = 1 or 2 or Q11o_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q111_1 = 1 \text{ or } 2$
or Q11o_1 = 1 or 2 or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11m_1 = 1 \text{ or } 2$
or Q11p_1 = 1 or 2 or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11n_1 = 1 \text{ or } 2$
or Q11q_1 = 1 or 2 or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11s_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11o_1 = 1 \text{ or } 2$
or Q11r_1 = 1 or 2 or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	
or Q11s_1 = 1 or 2 or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	
or Q11t_1 = 1 or 2 178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11r_1 = 1 \text{ or } 2$
178. If Q12c_1 = 3 and Q11a_1 = 1 or 2 or Q11b_1 = 1 or 2 or Q11c_1 = 1 or 2		or	$Q11s_1 = 1 \text{ or } 2$
or $Q11b_1 = 1 \text{ or } 2$ or $Q11c_1 = 1 \text{ or } 2$		or	$Q11t_1 = 1 \text{ or } 2$
or $Q11c_1 = 1 \text{ or } 2$	178.	If $Q12c_1 = 3$ and	
\ <u> </u>		or	$Q11b_1 = 1 \text{ or } 2$
		or	` -
or $Q11d_1 = 1 \text{ or } 2$		or	` -
or $Q11e_1 = 1 \text{ or } 2$		or	` -
or $Q11f_1 = 1 \text{ or } 2$		or	$Q11f_1 = 1 \text{ or } 2$
or $Q11g_1 = 1 \text{ or } 2$		or	$Q11g_1 = 1 \text{ or } 2$
or $Q11h_1 = 1 \text{ or } 2$		or	` -
or $Q11i_1 = 1 \text{ or } 2$		or	
or $Q11j_1 = 1 \text{ or } 2$		or	$Q11j_1 = 1 \text{ or } 2$
or $Q11k_1 = 1 \text{ or } 2$		or	` -
or Q111_1 = 1 or 2		or	$Q111_1 = 1 \text{ or } 2$
or Q11m_1 = 1 or 2		or	$Q11m_1 = 1 \text{ or } 2$
or $Q11n_1 = 1 \text{ or } 2$		or	` -
or $Q11o_1 = 1 \text{ or } 2$		or	$Q11o_1 = 1 \text{ or } 2$
or $Q11p_1 = 1 \text{ or } 2$		or	$Q11p_1 = 1 \text{ or } 2$
or $Q11q_1 = 1 \text{ or } 2$		or	$Q11q_1 = 1 \text{ or } 2$
or $Q11r_1 = 1 \text{ or } 2$		or	· -
or $Q11s_1 = 1 \text{ or } 2$		or	· —
or $Q11t_1 = 1 \text{ or } 2$		or	$Q11t_1 = 1 \text{ or } 2$

179.	If Q12d $1 = 3$ and	Q11a 1 = 1 or 2
	or	Q11b 1 = 1 or 2
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d^{-}1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	Q11i 1 = 1 or 2
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	$Q111_{1} = 1 \text{ or } 2$
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q11o_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$
180.	If $Q12e_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	$Q11h_1 = 1 \text{ or } 2$
	or	$Q11i_1 = 1 \text{ or } 2$
	or	$Q11j_1 = 1 \text{ or } 2$
	or	Q11k_1 = 1 or 2
	or	Q111_1 = 1 or 2
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	Q11o_1 = 1 or 2
	or	$Q11p_1 = 1 \text{ or } 2$
	or	Q11q_1 = 1 or 2
	or	Q11r_1 = 1 or 2
	or	Q11s_1 = 1 or 2
	or	$Q11t_1 = 1 \text{ or } 2$

181.	If Q12f $1 = 3$ and	Q11a 1 = 1 or 2
	or	Q11b 1 = 1 or 2
	or	$Q11c^{-}1 = 1 \text{ or } 2$
	or	$Q11d^{-}1 = 1 \text{ or } 2$
	or	$Q11e^{-1} = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	Q11h 1 = 1 or 2
	or	Q11i 1 = 1 or 2
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	$Q111_{1}^{-1} = 1 \text{ or } 2$
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q11o_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	$Q11r_1 = 1 \text{ or } 2$
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$
182.	If $Q12g_1 = 3$ and	$Q11a_1 = 1 \text{ or } 2$
	or	$Q11b_1 = 1 \text{ or } 2$
	or	$Q11c_1 = 1 \text{ or } 2$
	or	$Q11d_1 = 1 \text{ or } 2$
	or	$Q11e_1 = 1 \text{ or } 2$
	or	$Q11f_1 = 1 \text{ or } 2$
	or	$Q11g_1 = 1 \text{ or } 2$
	or	$Q11h_1 = 1 \text{ or } 2$
	or	$Q11i_1 = 1 \text{ or } 2$
	or	$Q11j_1 = 1 \text{ or } 2$
	or	$Q11k_1 = 1 \text{ or } 2$
	or	Q111_1 = 1 or 2
	or	$Q11m_1 = 1 \text{ or } 2$
	or	$Q11n_1 = 1 \text{ or } 2$
	or	$Q110_1 = 1 \text{ or } 2$
	or	$Q11p_1 = 1 \text{ or } 2$
	or	$Q11q_1 = 1 \text{ or } 2$
	or	Q11r_1 = 1 or 2
	or	$Q11s_1 = 1 \text{ or } 2$
	or	$Q11t_1 = 1 \text{ or } 2$

183.	If Q12a $2 = 3$ and	Q11a 2 = 1 or 2
	or	Q11b $2 = 1$ or 2
	or	$0.11c^{-2} = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$0.11e^{-2} = 1 \text{ or } 2$
	or	$0.011 \cdot 10^{-2} = 1 \text{ or } 2$
	or	0.011 = 2 = 1 or 2
	or	$Q11h^2 = 1 \text{ or } 2$
	or	$Q11i^{-}2 = 1 \text{ or } 2$
	or	$Q11j^{-}2 = 1 \text{ or } 2$
	or	$Q11k^{-}2 = 1 \text{ or } 2$
	or	$Q111^{-}2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q110_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
184.	If $Q12b_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b_2 = 1 \text{ or } 2$
	or	$Q11c_2 = 1 \text{ or } 2$
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	Q111_2 = 1 or 2
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$

185.	If Q12c $2 = 3$ and	Q11a $2 = 1$ or 2
	or	Q11b $2 = 1$ or 2
	or	$0.011c^{-2} = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$Q11e^{-}2 = 1 \text{ or } 2$
	or	$0.011 \cdot 10^{-2} = 1 \text{ or } 2$
	or	0.011 = 0.01
	or	Q11h 2 = 1 or 2
	or	$011i^{2} = 1 \text{ or } 2$
	or	0.011 $^{-}$ 2 = 1 or 2
	or	$0.011 \text{ k}^{-} 2 = 1 \text{ or } 2$
	or	0.0111 = 1 or 2
	or	$0.011 \text{m}^{2} 2 = 1 \text{or} 2$
	or	$Q11n^{-}2 = 1 \text{ or } 2$
	or	$Q110^{\circ} 2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_{2} = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
186.	If $Q12d_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b_2 = 1 \text{ or } 2$
	or	$Q11c_2 = 1 \text{ or } 2$
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$

187.	If $Q12e_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$
	or	$Q11b_2 = 1 \text{ or } 2$
	or	$Q11c^{2} = 1 \text{ or } 2$
	or	$Q11d^{-}2 = 1 \text{ or } 2$
	or	$Q11e^{-2} = 1 \text{ or } 2$
	or	Q11f $2 = 1$ or 2
	or	Q11g 2 = 1 or 2
		Q11h 2 = 1 or 2
	or	· —
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r^2 = 1 \text{ or } 2$
	or	Q11s 2 = 1 or 2
	or	Q11t 2 = 1 or 2
188.	If $Q12f_2 = 3$ and	$Q11a \ 2 = 1 \text{ or } 2$
100.	or	$Q11a_2 = 1 \text{ or } 2$ $Q11b_2 = 1 \text{ or } 2$
		$Q116_2 = 1 \text{ or } 2$ $Q116_2 = 1 \text{ or } 2$
	or	
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	Q11m $2 = 1$ or 2
	or	$Q11n^{-}2 = 1 \text{ or } 2$
	or	0.00 = 1.00 = 1.00
	or	$Q11p^{-}2 = 1 \text{ or } 2$
	or	Q11q 2 = 1 or 2
	or	Q11r 2 = 1 or 2
	or	Q11s $2 = 1$ or 2
		$Q115_2 = 1 \text{ or } 2$ $Q11t_2 = 1 \text{ or } 2$
189.	or If O12g, 2 = 2 and	Q11a 2 = 1 or 2
109.	If $Q12g_2 = 3$ and	$Q11a_2 = 1 \text{ or } 2$ $Q11b_2 = 1 \text{ or } 2$
	or	` =
	or	$Q11c_2 = 1 \text{ or } 2$
	or	$Q11d_2 = 1 \text{ or } 2$
	or	$Q11e_2 = 1 \text{ or } 2$
	or	$Q11f_2 = 1 \text{ or } 2$
	or	$Q11g_2 = 1 \text{ or } 2$
	or	$Q11h_2 = 1 \text{ or } 2$
	or	$Q11i_2 = 1 \text{ or } 2$
	or	$Q11j_2 = 1 \text{ or } 2$
•		- -

	or	$Q11k_2 = 1 \text{ or } 2$
	or	$Q111_2 = 1 \text{ or } 2$
	or	$Q11m_2 = 1 \text{ or } 2$
	or	$Q11n_2 = 1 \text{ or } 2$
	or	$Q11o_2 = 1 \text{ or } 2$
	or	$Q11p_2 = 1 \text{ or } 2$
	or	$Q11q_2 = 1 \text{ or } 2$
	or	$Q11r_2 = 1 \text{ or } 2$
	or	$Q11s_2 = 1 \text{ or } 2$
	or	$Q11t_2 = 1 \text{ or } 2$
190.	If $Q16a = 1$ or 2 and	Q16b = 3
	or	Q16c = 3
	or	Q16d = 3
	or	Q16e = 3
191.	If $Q16b = 1$ or 2 and	Q16a = 3
	or	Q16c = 3
	or	Q16d = 3
	or	Q16e = 3
192.	If $Q16c = 1$ or 2 and	Q16a = 3
	or	Q16b = 3
	or	Q16d = 3
	or	Q16e = 3
193.	If $Q16d = 1$ or 2 and	Q16a = 3
	or	Q16b = 3
	or	Q16c = 3
	or	Q16e = 3
194.	If $Q16e = 1$ or 2 and	Q16a = 3
	or	Q16b = 3
	or	Q16c = 3
	or	Q16d = 3

Then, missing value code .E is assigned to question 2 and question 3 if question 1 was edited by question 8 in consistency check #5 above.

195. If $Q1 = .F$ and	Q2a = 1 or 2 or 3
196. If $Q1 = .F$ and	Q2b = 1 or 2 or 3
197. If $Q1 = .F$ and	Q2c = 1 or 2 or 3
198. If $Q1 = .F$ and	Q2d = 1 or 2 or 3
199. If $Q1 = .F$ and	Q2e = 1 or 2 or 3
200. If $Q1 = .F$ and	Q2f = 1 or 2 or 3
201. If $Q1 = .F$ and	Q2g = 1 or 2 or 3
202. If $Q1 = .F$ and	Q3 = 1 or 2

Finally, for principal and lead health education teacher data, any valid character data (including 'Not Applicable') is recoded to numeric data (A=1, B=2, and so on).

Questionnaires are subverted only when they contain no data after editing.

4. Grade Span Consistency Edits

Profiles survey results are reported by three school grade levels (middle school, junior/senior high school, high school). Schools are classified into grade level based on the grade span on the sampling frame. Low grade and high grade on the sampling frame are named f_lowgrade and f_higrade, respectively. Four of the Profiles questions (Principal Q15, Lead Health Education Teacher [LHT] Q2, LHT Q11, and LHT Q12) contain grade-specific responses. These grade questions are compared to the grade span of the school and edited for consistency.

After the edit codes .A-.H have been assigned to the principal and teacher scanned data, Principal Q15, LHT Q2, LHT Q11, and LHT Q12 are edited using the .I edit code to indicate that the responses to these grade questions are inconsistent with the grade span.

a. Principal Question 15

Each Principal Q15 item (Q15a–Q15g) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-14) are run.

- 1. If f lowgrade > 6 or f higrade < 6 and Q15a = 1 or 2
- 2. If f lowgrade \leq 6 and f higrade \Rightarrow 6 and Q15a = 3
- 3. If f lowgrade > 7 or f higrade < 7 and Q15b = 1 or 2
- 4. If f lowgrade \leq 7 and f higrade \Rightarrow 7 and Q15b = 3
- 5. If $f_{\text{lowgrade}} > 8$ or $f_{\text{higrade}} < 8$ and Q15c = 1 or 2
- 6. If f lowgrade \leq 8 and f higrade \Rightarrow 8 and Q15c = 3
- 7. If f lowgrade > 9 or f higrade < 9 and Q15d = 1 or 2
- 8. If f lowgrade ≤ 9 and f higrade $\Rightarrow 9$ and Q15d = 3
- 9. If f lowgrade > 10 or f higrade < 10 and Q15e = 1 or 2
- 10. If f lowgrade \leq 10 and f higrade \Rightarrow 10 and Q15e = 3
- 11. If f lowgrade > 11 or f higrade < 11 and Q15f = 1 or 2
- 12. If $f_{\text{lowgrade}} \leq 11$ and $f_{\text{higrade}} \Rightarrow 11$ and Q15f = 3
- 13. If f lowgrade > 12 or f higrade < 12 and O15g = 1 or 2
- 14. If f lowgrade \leq 12 and f higrade \Rightarrow 12 and Q15g = 3

b. Lead Health Education Teacher Question 2

Each Teacher Q2 item (Q2a - Q2g) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-14) are run.

- 1. If f lowgrade > 6 or f higrade < 6 and O2a = 1 or 2
- 2. If f lowgrade \leq 6 and f higrade \Rightarrow 6 and Q2a = 3
- 3. If $f_{\text{lowgrade}} > 7$ or $f_{\text{higrade}} < 7$ and Q2b = 1 or 2
- 4. If f lowgrade \leq 7 and f higrade \Rightarrow 7 and Q2b = 3
- 5. If $f_{\text{lowgrade}} > 8$ or $f_{\text{higrade}} < 8$ and Q2c = 1 or 2
- 6. If f lowgrade \leq 8 and f higrade \Rightarrow 8 and Q2c = 3
- 7. If f lowgrade > 9 or f higrade < 9 and Q2d = 1 or 2
- 8. If $f_{\text{lowgrade}} \le 9$ and $f_{\text{higrade}} = 9$ and Q2d = 3
- 9. If f lowgrade > 10 or f higrade < 10 and Q2e = 1 or 2
- 10. If $f_{\text{lowgrade}} \le 10$ and $f_{\text{higrade}} = > 10$ and Q2e = 3
- 11. If $f_{\text{lowgrade}} > 11$ or $f_{\text{higrade}} < 11$ and Q2f = 1 or 2
- 12. If $f_{\text{lowgrade}} \le 11$ and $f_{\text{higrade}} = > 11$ and Q2f = 3
- 13. If $f_{\text{lowgrade}} > 12$ or $f_{\text{higrade}} < 12$ and Q2g = 1 or 2
- 14. If $f_{\text{lowgrade}} \le 12$ and $f_{\text{higrade}} = 12$ and Q2g = 3

c. Lead Health Education Teacher Question 11

1.

45.

Each Teacher Q11 item (Q11a 1-Q11t 1, Q11a 2-Q11t 2) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-80) are run.

If f lowgrade \Rightarrow 9 and Q11a 1 = 1 or 2 2. If f lowgrade \Rightarrow 9 and Q11b 1 = 1 or 2 3. If f lowgrade \Rightarrow 9 and Q11c 1 = 1 or 2 4. If f lowgrade \Rightarrow 9 and Q11d 1 = 1 or 2 5. If f lowgrade \Rightarrow 9 and Q11e 1 = 1 or 2 6. If f lowgrade \Rightarrow 9 and Q11f 1 = 1 or 2 7. If f lowgrade \Rightarrow 9 and Q11g 1 = 1 or 2 8. If f lowgrade \Rightarrow 9 and Q11h 1 = 1 or 2 9. If f lowgrade \Rightarrow 9 and Q11i 1 = 1 or 2 10. If f lowgrade \Rightarrow 9 and Q11j 1 = 1 or 2 11. If f lowgrade \Rightarrow 9 and Q11k 1 = 1 or 2 12. If f lowgrade \Rightarrow 9 and Q111 1 = 1 or 2 13. If f lowgrade \Rightarrow 9 and Q11m 1 = 1 or 2 14. If f lowgrade \Rightarrow 9 and Q11n 1 = 1 or 2 15. If f lowgrade \Rightarrow 9 and Q11o 1 = 1 or 2 16. If f lowgrade \Rightarrow 9 and Q11p 1 = 1 or 2 17. If f lowgrade \Rightarrow 9 and Q11q 1 = 1 or 2 18. If f lowgrade \Rightarrow 9 and Q11r 1 = 1 or 2 19. If f lowgrade \Rightarrow 9 and Q11s 1 = 1 or 2 20. If f lowgrade \Rightarrow 9 and Q11t 1 = 1 or 2 21. If f lowgrade < 9 and Q11a 1 = 3 22. If f lowgrade < 9 and Q11b 1 = 3 23. If f lowgrade < 9 and Q11c 1 = 3 24. If f lowgrade < 9 and O11d 1 = 325. If f lowgrade < 9 and Q11e 1 = 3 26. If f lowgrade < 9 and Q11f 1 = 3 27. If f lowgrade < 9 and Q11g 1 = 3 28. If f lowgrade < 9 and Q11h 1 = 3 29. If f lowgrade < 9 and Q11i 1 = 3 30. If f lowgrade < 9 and Q11j 1 = 3 31. If f lowgrade < 9 and Q11k 1 = 3 32. If f lowgrade < 9 and Q111 1 = 3 33. If f lowgrade < 9 and Q11m 1 = 3 34. If f lowgrade < 9 and Q11n 1 = 3 35. If f lowgrade < 9 and Q11o 1 = 3 36. If f lowgrade < 9 and Q11p 1 = 3 37. If f lowgrade < 9 and Q11q 1 = 3 38. If f lowgrade < 9 and O11r 1 = 3 39. If f lowgrade < 9 and Q11s 1 = 3 40. If f lowgrade < 9 and Q11t 1 = 3 41. If f higrade < 9 and Q11a 2 = 1 or 2 42. If f higrade < 9 and Q11b 2 = 1 or 2 43. If f higrade < 9 and Q11c 2 = 1 or 244. If f higrade < 9 and Q11d 2 = 1 or 2

If f higrade < 9 and Q11e 2 = 1 or 2

46. If f higrade < 9 and Q11f 2 = 1 or 247. If f higrade < 9 and Q11g 2 = 1 or 2 48. If f higrade < 9 and Q11h 2 = 1 or 249. If f higrade < 9 and Q11i 2 = 1 or 2 50. If f higrade < 9 and Q11j 2 = 1 or 251. If f higrade < 9 and Q11k 2 = 1 or 2 52. If f higrade < 9 and Q111 2 = 1 or 2 53. If f higrade < 9 and Q11m 2 = 1 or 2 54. If f higrade < 9 and Q11n 2 = 1 or 2 55. If f higrade < 9 and Q11o 2 = 1 or 256. If f higrade < 9 and Q11p 2 = 1 or 257. If f higrade < 9 and Q11q 2 = 1 or 258. If f higrade < 9 and Q11r 2 = 1 or 2 59. If f higrade < 9 and Q11s 2 = 1 or 2 60. If f higrade < 9 and Q11t 2 = 1 or 2If f higrade \Rightarrow 9 and Q11a 2 = 3 61. 62. If f higrade \Rightarrow 9 and Q11b 2 = 3 63. If f higrade \Rightarrow 9 and Q11c 2 = 3 64. If f higrade \Rightarrow 9 and Q11d 2 = 3 65. If f higrade \Rightarrow 9 and O11e 2 = 3 66. If f higrade \Rightarrow 9 and Q11f 2 = 3 67. If f higrade \Rightarrow 9 and Q11g 2 = 3 68. If f higrade \Rightarrow 9 and Q11h 2 = 3 69. If f higrade \Rightarrow 9 and Q11i 2 = 3 70. If f higrade \Rightarrow 9 and Q11i 2 = 3 71. If f higrade \Rightarrow 9 and Q11k 2 = 3 72. If f higrade \Rightarrow 9 and Q111 2 = 3 73. If f higrade \Rightarrow 9 and Q11m 2 = 3 74. If f higrade \Rightarrow 9 and Q11n 2 = 3 75. If f higrade \Rightarrow 9 and O11o 2 = 3 76. If f higrade \Rightarrow 9 and Q11p 2 = 3 77. If f higrade \Rightarrow 9 and Q11q 2 = 3 78. If f higrade \Rightarrow 9 and Q11r 2 = 3 79. If f higrade \Rightarrow 9 and Q11s 2 = 3 80. If f higrade \Rightarrow 9 and Q11t 2 = 3

d. Lead Health Education Teacher Question 12

Each Teacher Q12 item (Q12a_1-Q12g_1, Q12a_2-Q12g_2) is checked for consistency. If the item response is inconsistent, that response is recoded to .I. The following consistency checks (1-28) are run.

```
1.
       If f lowgrade \Rightarrow 9 and Q12a 1 = 1 or 2
2.
       If f lowgrade \Rightarrow 9 and O12b 1 = 1 or 2
3.
       If f lowgrade \Rightarrow 9 and Q12c 1 = 1 or 2
4.
       If f lowgrade \Rightarrow 9 and Q12d 1 = 1 or 2
5.
       If f lowgrade \Rightarrow 9 and Q12e 1 = 1 or 2
6.
       If f lowgrade \Rightarrow 9 and Q12f 1 = 1 or 2
7.
       If f lowgrade \Rightarrow 9 and Q12g 1 = 1 or 2
8.
       If f lowgrade < 9 and Q12a 1 = 3
9.
       If f lowgrade < 9 and Q12b 1 = 3
```

10. If f lowgrade < 9 and Q12c 1 = 3 11. If f lowgrade < 9 and Q12d 1 = 3 If f lowgrade < 9 and Q12e 1 = 312. 13. If f lowgrade < 9 and Q12f 1 = 3 If f lowgrade < 9 and Q12g 1 = 314. If f higrade < 9 and Q12a 2 = 1 or 2 15. If f higrade < 9 and Q12b 2 = 1 or 2 16. If f higrade < 9 and Q12c = 1 or = 217. 18. If f higrade < 9 and Q12d 2 = 1 or 2 19. If f higrade < 9 and Q12e 2 = 1 or 2 20. If f higrade < 9 and Q12f 2 = 1 or 221. If f higrade < 9 and Q12g 2 = 1 or 2 If f higrade \Rightarrow 9 and Q12a 2 = 3 22. 23. If f higrade \Rightarrow 9 and Q12b 2 = 3 24. If f higrade \Rightarrow 9 and Q12c 2 = 3 25. If f higrade \Rightarrow 9 and Q12d 2 = 3 26. If f higrade \Rightarrow 9 and Q12e 2 = 3 27. If f higrade \Rightarrow 9 and Q12f 2 = 3 28. If f higrade \Rightarrow 9 and Q12g 2 = 3

II. Derived Variable Specifications

1. Principal Standard Variables

Each standard question can be analyzed as a dichotomous variable. The dichotomous variables present the percentage of principals answering the predetermined response of interest (ROI). Principals answering the ROI are in the numerator. The denominator is either all principals or a subset of principals who have indicated in the current questionnaire that the school meets a certain criterion. Principals must have provided valid data to be included in any dichotomous variable calculations. Principals with missing responses or who had their answers cleaned during consistency editing are not included. The dichotomous variable results are presented in the tables and bar charts in each site's report.

The following table provides the question and response options for each survey variable and the derivation of its dichotomous variable. The numerator and the denominator of the dichotomous variable are defined below the survey variable. The summary text appearing in the title of the tables for each dichotomous variable is also listed. The threshold for reporting frequencies and percentages is provided. The thresholds for reporting depend on whether the survey used a census or a sample of schools, whether the result is reported by grade level category or for all schools, and whether there is a skip pattern that involves the question being processed. When the denominator frequency of the dichotomous variable is less than the threshold, data are suppressed for reporting. The thresholds in the following table pertain to a sample of schools. For a census, there is no threshold for reporting results for all schools; the threshold is 10 for reporting results by grade level category.

Q1_1. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in physical education and physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q1_1 Denominator: Respondents who answered A or B for Q1_1

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in physical

education and physical activity

Variable label: School Health Index to assess physical education and physical activity

Threshold: All Schools=55 and By Grade Level=19

Q1_2. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in nutrition?

A. Yes B. No

Numerator: Respondents who answered A for Q1_2 Denominator: Respondents who answered A or B for Q1_2

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in nutrition

Variable label: School Health Index to assess nutrition
Threshold: All Schools=55 and By Grade Level=19

Q1_3. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in tobacco-use prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q1_3
Denominator: Respondents who answered A or B for Q1_3

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in tobacco-use

prevention

Variable label: School Health Index to assess tobacco-use prevention

Q1_4. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in chronic health conditions (e.g., asthma, food allergies)?

A. Yes B. No

Numerator: Respondents who answered A for Q1_4
Denominator: Respondents who answered A or B for Q1_4

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in chronic health

conditions (e.g., asthma, food allergies)

Variable label: School Health Index to assess chronic health conditions (e.g., asthma, food allergies)

Threshold: All Schools=55 and By Grade Level=19

Q1_5. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in unintentional injury and violence prevention (safety)?

A. Yes B. No

Numerator: Respondents who answered A for Q1_5
Denominator: Respondents who answered A or B for Q1_5

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in unintentional

injury and violence prevention (safety)

Variable label: School Health Index to assess unintentional injury and violence prevention

Threshold: All Schools=55 and By Grade Level=19

Q1_6. Has your school ever used the School Health Index or other self-assessment tool to assess your school's policies, activities, and programs in sexual health, including HIV, other STD, and pregnancy prevention?

A. Yes B. No

Numerator: Respondents who answered A for Q1_6
Denominator: Respondents who answered A or B for Q1_6

Summary text: Percentage of schools that ever used the School Health Index or other self-

assessment tool to assess school policies, activities, and programs in sexual health,

including HIV, other STD, and pregnancy prevention

Variable label: School Health Index to assess sexual health, including HIV, other STD, and

pregnancy prevention

Q2_1. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on health education?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 1

Denominator: Respondents who answered A, B, or C for Q2 1

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on health education

Variable label: SIP includes health education

Threshold: All Schools=55 and By Grade Level=19

Q2_2. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on physical education?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 2

Denominator: Respondents who answered A, B, or C for Q2 2

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on physical education

Variable label: SIP includes physical education

Threshold: All Schools=55 and By Grade Level=19

Q2_3. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on physical activity?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 3

Denominator: Respondents who answered A, B, or C for Q2 3

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on physical activity

Variable label: SIP includes physical activity

Q2_4. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on school meal programs?

A. YesB. NoC. No SIP

Numerator: Respondents who answered A for Q2 4

Denominator: Respondents who answered A, B, or C for Q2_4

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on school meal programs

Variable label: SIP includes school meal programs
Threshold: All Schools=55 and By Grade Level=19

Q2_5. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on foods and beverages available at school outside the school meal programs?

A. YesB. NoC. No SIP

Numerator: Respondents who answered A for Q2 5

Denominator: Respondents who answered A, B, or C for Q2 5

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on foods and beverages available at school outside the school meal

programs

Variable label: SIP includes foods and beverages available at school outside the school meal

programs

Threshold: All Schools=55 and By Grade Level=19

Q2_6. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on health services?

A. YesB. NoC. No SIP

Numerator: Respondents who answered A for Q2 6

Denominator: Respondents who answered A, B, or C for Q2 6

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on health services

Variable label: SIP includes health services

Q2_7. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on counseling, psychological, and social services?

A. YesB. NoC. No SIP

Numerator: Respondents who answered A for Q2 7

Denominator: Respondents who answered A, B, or C for Q2_7

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on counseling, psychological, and social services

Variable label: SIP includes counseling, psychological, and social services

Threshold: All Schools=55 and By Grade Level=19

Q2_8. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on physical environment?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 8

Denominator: Respondents who answered A, B, or \overline{C} for Q2 8

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on physical environment

Variable label: SIP includes physical environment
Threshold: All Schools=55 and By Grade Level=19

Q2_9. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on social and emotional climate?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 9

Denominator: Respondents who answered A, B, or C for Q2 9

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on social and emotional climate

Variable label: SIP includes social and emotional climate Threshold: All Schools=55 and By Grade Level=19

Q2_10. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on family engagement?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 10

Denominator: Respondents who answered A, B, or C for Q2 10

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on family engagement

Variable label: SIP includes family engagement

Threshold: All Schools=55 and By Grade Level=19

Q2_11. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on community involvement?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 11

Denominator: Respondents who answered A, B, or \overline{C} for Q2 11

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on community involvement

Variable label: SIP includes community involvement Threshold: All Schools=55 and By Grade Level=19

Q2_12. The Elementary and Secondary Education Act requires certain schools to have a written School Improvement Plan (SIP). Many states and school districts also require schools to have a written SIP. Does your school's written SIP include health-related objectives on employee wellness?

A. Yes
B. No
C. No SIP

Numerator: Respondents who answered A for Q2 12

Denominator: Respondents who answered A, B, or C for Q2 12

Summary text: Percentage of schools with a School Improvement Plan that includes health-related

objectives on employee wellness

Variable label: SIP includes employee wellness

Q3. During the past year, did your school review health and safety data such as Youth Risk Behavior Survey Data or fitness data as part of your school's improvement planning process?

A. Yes B. No

C. Our school did not engage in an improvement planning process during the past year

Numerator: Respondents who answered A for Q3

Denominator: Respondents who answered A or B for Q3. Respondents who answered C for Q3 are

excluded.

Summary text: Percentage of schools that reviewed health and safety data as part of school's

improvement planning process*

Footnote: *Among schools that engaged in an improvement planning process during the past

year

Variable label: Reviewed health and safety data

Threshold: All Schools=55 and By Grade Level=19

Q4_1. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school reviewed your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_1 Denominator: Respondents who answered A or B for Q4_1

Summary text: Percentage of schools that reviewed your district's local wellness policy

Variable label: Reviewed your district's local wellness policy Threshold: All Schools=55 and By Grade Level=19

Q4_2. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school helped revise your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_2 Denominator: Respondents who answered A or B for Q4_2

Summary text: Percentage of schools that helped revise your district's local wellness policy

Variable label: Helped revise your district's local wellness policy

Q4_3. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to school staff about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_3
Denominator: Respondents who answered A or B for Q4_3

Summary text: Percentage of schools that communicated to school staff about your district's local

wellness policy

Variable label: Communicated to school staff about your district's local wellness policy.

Threshold: All Schools=55 and By Grade Level=19

Q4_4. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to parents and families about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_4
Denominator: Respondents who answered A or B for Q4_4

Summary text: Percentage of schools that communicated to parents and families about your district's

local wellness policy

Variable label: Communicated to parents and families about your district's local wellness policy.

Threshold: All Schools=55 and By Grade Level=19

Q4_5. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school communicated to students about your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_5
Denominator: Respondents who answered A or B for Q4_5

Summary text: Percentage of schools that communicated to students about your district's local

wellness policy

Variable label: Communicated to students about your district's local wellness policy

Q4_6. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school measured your school's compliance with your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_6
Denominator: Respondents who answered A or B for Q4_6

Summary text: Percentage of schools that measured your school's compliance with your district's

local wellness policy

Variable label: Measured your school's compliance with your district's local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q4_7. Each local education agency participating in the National School Lunch Program or the School Breakfast Program is required to develop and implement a local wellness policy. During the past year, has anyone at your school developed an action plan that describes steps to meet requirements of your district's local wellness policy?

A. Yes B. No

Numerator: Respondents who answered A for Q4_7
Denominator: Respondents who answered A or B for Q4_7

Summary text: Percentage of schools that developed an action plan that describes steps to meet

requirements of your district's local wellness policy

Variable label: Developed an action plan that describes steps to meet requirements of your district's

local wellness policy

Threshold: All Schools=55 and By Grade Level=19

Q5. Currently, does someone at your school oversee or coordinate school health and safety programs and activities?

A. Yes B. No

Numerator: Respondents who answered A for Q5
Denominator: Respondents who answered A or B for Q5

Summary text: Percentage of schools that currently have someone who oversees or coordinates

school health and safety programs and activities

Variable label: Oversee school health/safety programs
Threshold: All Schools=55 and By Grade Level=19

Q6. Is there one or more than one group (e.g., a school health council, committee, or team) at your school that offers guidance on the development of policies or coordinates activities on health topics?

A. Yes

B. No → Skip to Question 8

Numerator: Respondents who answered A for Q6
Denominator: Respondents who answered A or B for Q6

Summary text: Percentage of schools that have one or more than one group (e.g., a school health

council, committee, or team) that offers guidance on the development of policies or

coordinates activities on health topics

Variable label: Group that offers guidance on health topics Threshold: All Schools=55 and By Grade Level=19

Q7_1. During the past year, has any school health council, committee, or team at your school identified student health needs based on a review of relevant data?

A. Yes B. No

Numerator: Respondents who answered A for Q7_1 Denominator: Respondents who answered A or B for Q7_1

Summary text: Percentage of schools that have a school health council, committee, or team that

identified student health needs based on a review of relevant data during the past

year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Identify student health needs

Threshold: All Schools=37 and By Grade Level=10

Q7_2. During the past year, has any school health council, committee, or team at your school recommended new or revised health and safety policies and activities to school administrators or the school improvement team?

A. Yes B. No

Numerator: Respondents who answered A for Q7_2 Denominator: Respondents who answered A or B for Q7_2

Summary text: Percentage of schools that have a school health council, committee, or team that

recommended new or revised health and safety policies and activities to school

administrators or the school improvement team during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Recommend new/revised health/safety policies

Q7_3. During the past year, has any school health council, committee, or team at your school sought funding or leveraged resources to support health and safety priorities for students and staff?

A. Yes B. No

Numerator: Respondents who answered A for Q7_3
Denominator: Respondents who answered A or B for Q7_3

Summary text: Percentage of schools that have a school health council, committee, or team that

sought funding or leveraged resources to support health and safety priorities for

students and staff during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Seek funding to support health/safety priorities Threshold: All Schools=37 and By Grade Level=10

Q7_4. During the past year, has any school health council, committee, or team at your school communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members?

A. Yes B. No

Numerator: Respondents who answered A for Q7_4
Denominator: Respondents who answered A or B for Q7_4

Summary text: Percentage of schools that have a school health council, committee, or team that

communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members

during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Communicate importance of health/safety policies

Threshold: All Schools=37 and By Grade Level=10

Q7_5. During the past year, has any school health council, committee, or team at your school reviewed health-related curricula or instructional materials?

A. Yes B. No

Numerator: Respondents who answered A for Q7_5 Denominator: Respondents who answered A or B for Q7_5

Summary text: Percentage of schools that have a school health council, committee, or team that

reviewed health-related curricula or instructional materials during the past year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Review health-related curricula

Q7_6. During the past year, has any school health council, committee, or team at your school assessed the availability of physical activity opportunities for students?

A. Yes B. No

Numerator: Respondents who answered A for Q7_6
Denominator: Respondents who answered A or B for Q7_6

Summary text: Percentage of schools that have a school health council, committee, or team that

assessed the availability of physical activity opportunities for students during the past

year*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Assess availability of physical activity opportunities

Threshold: All Schools=37 and By Grade Level=10

Q7_7. During the past year, has any school health council, committee, or team at your school developed a written plan for implementing a Comprehensive School Physical Activity Program (a multi-component approach that provides opportunities for students to be physically active before, during, and after school)?

A. Yes B. No

Numerator: Respondents who answered A for Q7_7
Denominator: Respondents who answered A or B for Q7_7

Summary text: Percentage of schools that have a school health council, committee, or team that

developed a written plan for implementing a Comprehensive School Physical Activity Program (a multi-component approach that provides opportunities for

students to be physically active before, during, and after school)*

Footnote: *Among schools that have one or more than one group that offers guidance on the

development of policies or coordinates activities on health topics

Variable label: Develop written plan

Threshold: All Schools=37 and By Grade Level=10

Q8. Does your school have any clubs that give students opportunities to learn about people different from them, such as students with disabilities, homeless youth, or people from different cultures?

A. Yes B. No

Numerator: Respondents who answered A for Q8
Denominator: Respondents who answered A or B for Q8

Summary text: Percentage of schools that have any clubs that give students opportunities to learn

about people different from them, such as students with disabilities, homeless youth,

or people from different cultures

Variable label: Clubs to learn about people different
Threshold: All Schools=55 and By Grade Level=19

Q9_1. During the past year, did your school offer lessons in class for students to learn about people different from them, such as students with disabilities, homeless youth, or people from different cultures?

A. Yes B. No

Numerator: Respondents who answered A for Q9_1 Denominator: Respondents who answered A or B for Q9_1

Summary text: Percentage of schools that offer lessons in class for students to learn about people

different from them, such as students with disabilities, homeless youth, or people

from different cultures

Variable label: Lessons in class to learn about people different Threshold: All Schools=55 and By Grade Level=19

Q9_2. During the past year, did your school offer special events sponsored by the school or community organizations (e.g., multicultural week, family night) for students to learn about people different from them, such as students with disabilities, homeless youth, or people from different cultures?

A. Yes B. No

Numerator: Respondents who answered A for Q9_2 Denominator: Respondents who answered A or B for Q9_2

Summary text: Percentage of schools that offer special events sponsored by the school or community

organizations (e.g., multicultural week, family night) for students to learn about people different from them, such as students with disabilities, homeless youth, or

people from different cultures

Variable label: Special events to learn about people different Threshold: All Schools=55 and By Grade Level=19

Q10. Does your school have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity? These clubs sometimes are called gay/straight alliances.

A. Yes B. No

Numerator: Respondents who answered A for Q10
Denominator: Respondents who answered A or B for Q10

Summary text: Percentage of schools that have a student-led club that aims to create a safe,

welcoming, and accepting school environment for all youth, regardless of sexual

orientation or gender identity

Variable label: Gay/straight alliance

Q11_1. Does your school identify "safe spaces" (e.g., a counselor's office, designated classroom, or student organization) where lesbian, gay, bisexual, transgender, or questioning (LGBTQ) youth can receive support from administrators, teachers, or other school staff?

A. Yes B. No

Numerator: Respondents who answered A for Q11_1 Denominator: Respondents who answered A or B for Q11_1

Summary text: Percentage of schools that identify "safe spaces" (e.g., a counselor's office,

designated classroom, or student organization) where LGBTQ youth can receive

support from administrators, teachers, or other school staff

Variable label: Safe spaces for LGBTQ

Threshold: All Schools=55 and By Grade Level=19

Q11_2. Does your school prohibit harassment based on a student's perceived or actual sexual orientation or gender identity?

A. Yes B. No

Numerator: Respondents who answered A for Q11_2 Denominator: Respondents who answered A or B for Q11_2

Summary text: Percentage of schools that prohibit harassment based on a student's perceived or

actual sexual orientation or gender identity

Variable label: Prohibit harassment

Threshold: All Schools=55 and By Grade Level=19

Q11_3. Does your school encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity?

A. Yes B. No

Numerator: Respondents who answered A for Q11_3
Denominator: Respondents who answered A or B for Q11_3

Summary text: Percentage of schools that encourage staff to attend professional development on safe

and supportive school environments for all students, regardless of sexual orientation

or gender identity

Variable label: Encourage staff professional development on safe environment

Q11_4. Does your school facilitate access to providers not on school property who have experience in providing health services, including HIV/STD testing and counseling, to LGBTQ youth?

A. Yes B. No

Numerator: Respondents who answered A for Q11_4
Denominator: Respondents who answered A or B for Q11_4

Summary text: Percentage of schools that facilitate access to providers not on school property who

have experience in providing health services, including HIV/STD testing and

counseling, to LGBTQ youth

Variable label: Health services for LGBTQ youth
Threshold: All Schools=55 and By Grade Level=19

Q11_5. Does your school facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth?

A. Yes B. No

Numerator: Respondents who answered A for Q11_5
Denominator: Respondents who answered A or B for Q11_5

Summary text: Percentage of schools that facilitate access to providers not on school property who

have experience in providing social and psychological services to LGBTQ youth

Variable label: Social and psychological services for LGBTQ youth

Threshold: All Schools=55 and By Grade Level=19

Q12. During the past year, did all staff at your school receive professional development on preventing, identifying, and responding to student bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q12
Denominator: Respondents who answered A or B for Q12

Summary text: Percentage of schools in which staff received professional development on

preventing, identifying, and responding to student bullying and sexual harassment,

including electronic aggression

Variable label: Prof dev preventing bullying/harassment Threshold: All Schools=55 and By Grade Level=19

Q13. Does your school have a designated staff member to whom students can confidentially report student bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q13
Denominator: Respondents who answered A or B for Q13

Summary text: Percentage of schools that have a designated staff member to whom students can

confidentially report student bullying and sexual harassment, including electronic

aggression

Variable label: Confidential report bullying/harassment Threshold: All Schools=55 and By Grade Level=19

Q14. Does your school use electronic (e.g. e-mails, school web site), paper (e.g., flyers, postcards), or oral (e.g., phone calls, parent seminars) communication to publicize and disseminate policies, rules, or regulations on bullying and sexual harassment, including electronic aggression?

A. Yes B. No

Numerator: Respondents who answered A for Q14
Denominator: Respondents who answered A or B for Q14

Summary text: Percentage of schools that use electronic, paper, or oral communication to publicize

and disseminate policies, rules, or regulations on bullying and sexual harassment,

including electronic aggression

Variable label: Publicize bullying/harassment rules
Threshold: All Schools=55 and By Grade Level=19

Q15 1. Is a required physical education course taught in grade 6 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 1

Denominator: Respondents who answered A or B for Q15 1. Respondents who answered C for

O15 1 are excluded.

Summary text: Percentage of schools that taught a required physical education course in sixth grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 6

Q15_2. Is a required physical education course taught in grade 7 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 2

Denominator: Respondents who answered A or B for Q15 2. Respondents who answered C for

Q15 2 are excluded.

Summary text: Percentage of schools that taught a required physical education course in seventh

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 7

Threshold: All Schools=55 and By Grade Level=19

Q15 3. Is a required physical education course taught in grade 8 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 3

Denominator: Respondents who answered A or B for Q15 3. Respondents who answered C for

Q15 3 are excluded.

Summary text: Percentage of schools that taught a required physical education course in eighth

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 8

Threshold: All Schools=55 and By Grade Level=19

Q15 4. Is a required physical education course taught in grade 9 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 4

Denominator: Respondents who answered A or B for Q15 4. Respondents who answered C for

Q15 4 are excluded.

Summary text: Percentage of schools that taught a required physical education course in ninth

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 9

Q15_5. Is a required physical education course taught in grade 10 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 5

Denominator: Respondents who answered A or B for Q15 5. Respondents who answered C for

Q15 5 are excluded.

Summary text: Percentage of schools that taught a required physical education course in tenth

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 10

Threshold: All Schools=55 and By Grade Level=19

Q15_6. Is a required physical education course taught in grade 11 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 6

Denominator: Respondents who answered A or B for Q15 6. Respondents who answered C for

Q15 6 are excluded.

Summary text: Percentage of schools that taught a required physical education course in eleventh

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 11

Threshold: All Schools=55 and By Grade Level=19

Q15 7. Is a required physical education course taught in grade 12 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q15 7

Denominator: Respondents who answered A or B or Q15 7. Respondents who answered C for

Q15 7 are excluded.

Summary text: Percentage of schools that taught a required physical education course in twelfth

grade*

Footnote: *Among schools with students in that grade

Variable label: PE taught in grade 12

Q16. During the past year, did any physical education teachers or specialists at your school receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on physical education or physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q16
Denominator: Respondents who answered A or B for Q16

Summary text: Percentage of schools in which physical education teachers or specialists received

professional development on physical education or physical activity during the past

year

Variable label: Professional development on PE

Threshold: All Schools=55 and By Grade Level=19

Q17_1. Are those who teach physical education at your school provided with goals, objectives, and expected outcomes for physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q17_1 Denominator: Respondents who answered A or B for Q17_1

Summary text: Percentage of schools that provide those who teach physical education with goals,

objectives, and expected outcomes for physical education

Variable Label: PE teachers given goals for PE

Threshold: All Schools=55 and By Grade Level=19

Q17_2. Are those who teach physical education at your school provided with a chart describing the annual scope and sequence of instruction for physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q17_2 Denominator: Respondents who answered A or B for Q17_2

Summary text: Percentage of schools that provide those who teach physical education with a chart

describing the annual scope and sequence of instruction for physical education

Variable Label: PE teachers given a chart for PE

Q17_3. Are those who teach physical education at your school provided with plans for how to assess student performance in physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q17_3
Denominator: Respondents who answered A or B for Q17_3

Summary text: Percentage of schools that provide those who teach physical education with plans for

how to assess student performance in physical education

Variable Label: PE teachers given plans for assessing student performance in PE

Threshold: All Schools=55 and By Grade Level=19

Q17_4. Are those who teach physical education at your school provided with a written physical education curriculum?

A. Yes B. No

Numerator: Respondents who answered A for Q17_4
Denominator: Respondents who answered A or B for Q17_4

Summary text: Percentage of schools that provide those who teach physical education with a written

physical education curriculum

Variable Label: PE teachers given written PE curriculum Threshold: All Schools=55 and By Grade Level=19

Q17_5. Are those who teach physical education at your school provided with resources for fitness testing?

A. Yes B. No

Numerator: Respondents who answered A for Q17_5
Denominator: Respondents who answered A or B for Q17_5

Summary text: Percentage of schools that provide those who teach physical education with resources

for fitness testing

Variable Label: PE teachers given resources for fitness testing Threshold: All Schools=55 and By Grade Level=19

Q17_6. Are those who teach physical education at your school provided with physical activity monitoring devices, such as pedometers or heart rate monitors, for physical education?

A. Yes B. No

Numerator: Respondents who answered A for Q17_6
Denominator: Respondents who answered A or B for Q17_6

Summary text: Percentage of schools that provide those who teach physical education with physical

activity monitoring devices, such as pedometers or heart rate monitors, for physical

education

Variable Label: PE teachers given physical activity monitoring devices

Q18. Outside of physical education, do students participate in physical activity breaks in classrooms during the school day?

A. Yes B. No

Numerator: Respondents who answered A for Q18
Denominator: Respondents who answered A or B for Q18

Summary text: Percentage of schools in which students participate in physical activity breaks in

classrooms during the school day outside of physical education

Variable label: Physical activity breaks

Threshold: All Schools=55 and By Grade Level=19

Q19. Does your school offer opportunities for all students to participate in intramural sports programs or physical activity clubs? (Intramural sports programs or physical activity clubs are any physical activity programs that are voluntary for students, in which students are given an equal opportunity to participate regardless of physical ability.)

A. Yes B. No

Numerator: Respondents who answered A for Q19
Denominator: Respondents who answered A or B for Q19

Summary text: Percentage of schools that offer opportunities for all students to participate in

intramural sports programs or physical activity clubs

Variable label: Offer all students intramural sports or physical activity clubs

Threshold: All Schools=55 and By Grade Level=19

Q20. Does your school offer interscholastic sports to students?

A. Yes B. No

Numerator: Respondents who answered A for Q20 Denominator: Respondents who answered A or B for Q20

Summary text: Percentage of schools that offer interscholastic sports to students

Variable label: Offer interscholastic sports

Q21_1. Does your school offer opportunities for students to participate in physical activity before the school day through organized physical activities or access to facilities or equipment for physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q21_1 Denominator: Respondents who answered A or B for Q21_1

Summary text: Percentage of schools that offer opportunities for students to participate in physical

activity before the school day through organized physical activities or access to

facilities or equipment for physical activity

Variable label: Physical activity before school

Threshold: All Schools=55 and By Grade Level=19

Q21_2. Does your school offer opportunities for students to participate in physical activity after the school day through organized physical activities or access to facilities or equipment for physical activity?

A. Yes B. No

Numerator: Respondents who answered A for Q21_2 Denominator: Respondents who answered A or B for Q21_2

Summary text: Percentage of schools that offer opportunities for students to participate in physical

activity after the school day through organized physical activities or access to

facilities or equipment for physical activity

Variable label: Physical activity after school

Threshold: All Schools=55 and By Grade Level=19

Q22_1. A joint use agreement is a formal agreement between a school or school district and another public or private entity to jointly use either school facilities or community facilities to share costs and responsibilities. Does your school, either directly or through the school district, have a joint use agreement for shared use of physical activity or sports facilities?

A. Yes B. No

Numerator: Respondents who answered A for Q22_1
Denominator: Respondents who answered A or B for Q22_1

Summary text: Percentage of schools that have a joint use agreement for shared use of physical

activity or sports facilities

Variable label: Joint use agreement of physical activity or sports facilities

Q22_2. A joint use agreement is a formal agreement between a school or school district and another public or private entity to jointly use either school facilities or community facilities to share costs and responsibilities. Does your school, either directly or through the school district, have a joint use agreement for shared use of kitchen facilities and equipment?

A. Yes B. No

Numerator: Respondents who answered A for Q22_2 Denominator: Respondents who answered A or B for Q22_2

Summary text: Percentage of schools that have a joint use agreement for shared use of kitchen

facilities and equipment

Variable label: Joint use agreement of kitchen facilities and equipment

Threshold: All Schools=55 and By Grade Level=19

Q23. Has your school adopted a policy prohibiting tobacco use?

A. Yes

B. No \rightarrow Skip to Question 27

Numerator: Respondents who answered A for Q23
Denominator: Respondents who answered A or B for Q23

Summary text: Percentage of schools that have adopted a policy prohibiting tobacco use

Variable label: Policy prohibiting tobacco use

Threshold: All Schools=55 and By Grade Level=19

Q24_1_1. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for students during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q24 1 1

Denominator: Respondents who answered A for Q24 1 1, or B for Q24 1 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigarettes for students during any school-related activity

Variable label: Prohibit use of cigarettes for students
Threshold: All Schools=37 and By Grade Level=10

Q24_1_2. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for faculty/staff during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q24 1 2

Denominator: Respondents who answered A for Q24 1 2, or B for Q24 1 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigarettes for faculty/staff during any school-related activity

Variable label: Prohibit use of cigarettes for faculty/staff
Threshold: All Schools=37 and By Grade Level=10

Q24_1_3. Does the tobacco-use prevention policy specifically prohibit use of cigarettes for visitors during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 1 3

Denominator: Respondents who answered A for Q24 1 3, or B for Q24 1 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigarettes for visitors during any school-related activity

Variable label: Prohibit use of cigarettes for visitors
Threshold: All Schools=37 and By Grade Level=10

Q24_2_1. Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for students during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 2 1

Denominator: Respondents who answered A for Q24 2 1, or B for Q24 2 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for

students during any school-related activity

Variable label: Prohibit use of smokeless tobacco for students Threshold: All Schools=37 and By Grade Level=10

Q24_2_2. Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for faculty/staff during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 2 2

Denominator: Respondents who answered A for Q24 2 2, or B for Q24 2 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for

faculty/staff during any school-related activity

Variable label: Prohibit use of smokeless tobacco for faculty/staff

Q24_2_3. Does the tobacco-use prevention policy specifically prohibit use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for visitors during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q24 2 3

Denominator: Respondents who answered A for Q24 2 3, or B for Q24 2 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus) for

visitors during any school-related activity

Variable label: Prohibit use of smokeless tobacco for visitors Threshold: All Schools=37 and By Grade Level=10

Q24_3_1. Does the tobacco-use prevention policy specifically prohibit use of cigars for students during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24_3_1

Denominator: Respondents who answered A for Q24 3 1, or B for Q24 3 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigars for students during any school-related activity

Variable label: Prohibit use of cigars for students

Threshold: All Schools=37 and By Grade Level=10

Q24_3_2. Does the tobacco-use prevention policy specifically prohibit use of cigars for faculty/staff during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 3 2

Denominator: Respondents who answered A for Q24 3 2, or B for Q24 3 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigars for faculty/staff during any school-related activity

Variable label: Prohibit use of cigars for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q24_3_3. Does the tobacco-use prevention policy specifically prohibit use of cigars for visitors during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 3 3

Denominator: Respondents who answered A for Q24 3 3, or B for Q24 3 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of cigars for visitors during any school-related activity

Variable label: Prohibit use of cigars for visitors

Q24_4_1. Does the tobacco-use prevention policy specifically prohibit use of pipes for students during any school-related activity?

A. Yes B. No

Numerator: Respondents who answered A for Q24 4 1

Denominator: Respondents who answered A for Q24 4 1, or B for Q24 4 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of pipes for students during any school-related activity

Variable label: Prohibit use of pipes for students

Threshold: All Schools=37 and By Grade Level=10

Q24_4_2. Does the tobacco-use prevention policy specifically prohibit use of pipes for faculty/staff during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 4 2

Denominator: Respondents who answered A for Q24 4 2, or B for Q24 4 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of pipes for faculty/staff during any school-related activity

Variable label: Prohibit use of pipes for faculty/staff
Threshold: All Schools=37 and By Grade Level=10

Q24_4_3. Does the tobacco-use prevention policy specifically prohibit use of pipes for visitors during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 4 3

Denominator: Respondents who answered A for Q24 4 3, or B for Q24 4 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of pipes for visitors during any school-related activity

Variable label: Prohibit use of pipes for visitors

Threshold: All Schools=37 and By Grade Level=10

Q24_5_1. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vape pipes, hookah pens) for students during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 5 1

Denominator: Respondents who answered A for Q24 5 1, or B for Q24 5 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vape pipes, hookah

pens) for students during any school-related activity

Variable label: Prohibit use of electronic vapor products for students

Q24_5_2. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vape pens, hookah pens) for faculty/staff during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 5 2

Denominator: Respondents who answered A for Q24 5 2, or B for Q24 5 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vape pipes, hookah

pens) for faculty/staff during any school-related activity

Variable label: Prohibit use of electronic vapor products for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q24_5_3. Does the tobacco-use prevention policy specifically prohibit use of electronic vapor products (e.g., e-cigarettes, vape pipes, hookah pens) for visitors during any school-related activity?

A. Yes

B. No

Numerator: Respondents who answered A for Q24 5 3

Denominator: Respondents who answered A for Q24 5 3, or B for Q24 5 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits the use of electronic vapor products (e.g., e-cigarettes, vape pipes, hookah

pens) for visitors during any school-related activity

Variable label: Prohibit use of electronic vapor products for visitors

Threshold: All Schools=37 and By Grade Level=10

Q25_1_1. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for students?

A. Yes

B. No

Numerator: Respondents who answered A for Q25 1 1

Denominator: Respondents who answered A for Q25 1 1, or B for Q25 1 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use during school hours for students

Variable label: Prohibit tobacco use during school hours for students

Q25 1 2. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for faculty/staff? Yes A. B. No Numerator: Respondents who answered A for Q25 1 2 Respondents who answered A for Q25 1 2, or B for Q25 1 2, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during school hours for faculty/staff Prohibit tobacco use during school hours for faculty/staff Variable label: All Schools=37 and By Grade Level=10 Threshold: Q25 1 3. Does the tobacco-use prevention policy specifically prohibit tobacco use during school hours for visitors? A. Yes B. No Numerator: Respondents who answered A for Q25 1 3 Respondents who answered A for Q25 1 3, or B for Q25 1 3, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during school hours for visitors Prohibit tobacco use during school hours for visitors Variable label: All Schools=37 and By Grade Level=10 Threshold: Q25 2 1. Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school hours for students? A. Yes В. No Numerator: Respondents who answered A for Q25 2 1 Respondents who answered A for Q25 2 1, or B for Q25 2 1, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for students Variable label: Prohibit tobacco use during non-school hours for students Threshold: All Schools=37 and By Grade Level=10 Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school Q25 2 2. hours for faculty/staff? Yes A. В. No Numerator: Respondents who answered A for Q25 2 2 Respondents who answered A for Q25 2 2, or B for Q25 2 2, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for faculty/staff Variable label: Prohibit tobacco use during non-school hours for faculty/staff All Schools=37 and By Grade Level=10 Threshold:

Q25 2 3. Does the tobacco-use prevention policy specifically prohibit tobacco use during non-school hours for visitors? Yes A. B. No Numerator: Respondents who answered A for Q25 2 3 Respondents who answered A for Q25_2_3, or B for Q25_2_3, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use during non-school hours for visitors Variable label: Prohibit tobacco use during non-school hours for visitors All Schools=37 and By Grade Level=10 Threshold: Q26 1 1. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for students? A. Yes B. No Numerator: Respondents who answered A for Q26 1 1 Respondents who answered A for Q26 1 1, or B for Q26 1 1, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use in school buildings for students Variable Label: Prohibit tobacco use in school buildings for students Threshold: All Schools=37 and By Grade Level=10 Q26 1 2. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for faculty/staff? Yes A. B. No Respondents who answered A for Q26 1 2 Numerator: Respondents who answered A for Q26 1 2, or B for Q26 1 2, or B for Q23 Denominator: Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically prohibits tobacco use in school buildings for faculty/staff Variable Label: Prohibit tobacco use in school buildings for faculty/staff Threshold: All Schools=37 and By Grade Level=10 Q26 1 3. Does the tobacco-use prevention policy specifically prohibit tobacco use in school buildings for visitors? A. Yes B. No Numerator: Respondents who answered A for Q26 1 3 Respondents who answered A for Q26 1 3, or B for Q26 1 3, or B for Q23 Denominator: Percentage of schools that have a tobacco-use prevention policy that specifically Summary text: prohibits tobacco use in school buildings for visitors Variable Label: Prohibit tobacco use in school buildings for visitors

All Schools=37 and By Grade Level=10

Threshold:

Q26_2_1. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields for students?

A. Yes B. No

Numerator: Respondents who answered A for Q26 2 1

Denominator: Respondents who answered A for Q26 2 1, or B for Q26 2 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields for students

Variable Label: Prohibit tobacco use outside on school grounds for students

Threshold: All Schools=37 and By Grade Level=10

Q26_2_2. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields for faculty/staff?

A. Yes B. No

Numerator: Respondents who answered A for Q26 2 2

Denominator: Respondents who answered A for Q26 2 2, or B for Q26 2 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields for faculty/staff

Variable Label: Prohibit tobacco use outside on school grounds for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q26_2_3. Does the tobacco-use prevention policy specifically prohibit tobacco use outside on school grounds, including parking lots and playing fields for visitors?

A. Yes B. No

Numerator: Respondents who answered A for Q26 2 3

Denominator: Respondents who answered A for Q26 2 3, or B for Q26 2 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use outside on school grounds, including parking lots and playing

fields for visitors

Variable Label: Prohibit tobacco use outside on school grounds for visitors

Q26_3_1. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for students?

A. Yes B. No

Numerator: Respondents who answered A for Q26 3 1

Denominator: Respondents who answered A for Q26 3 1, or B for Q26 3 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students for

students

Variable Label: Prohibit tobacco use on school buses for students

Threshold: All Schools=37 and By Grade Level=10

Q26_3_2. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for faculty/staff?

A. Yes B. No

Numerator: Respondents who answered A for Q26 3 2

Denominator: Respondents who answered A for Q26 3 2, or B for Q26 3 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students for

faculty/staff

Variable Label: Prohibit tobacco use on school buses for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q26_3_3. Does the tobacco-use prevention policy specifically prohibit tobacco use on school buses or other vehicles used to transport students for visitors?

A. Yes B. No

Numerator: Respondents who answered A for Q26 3 3

Denominator: Respondents who answered A for Q26_3_3, or B for Q26_3_3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use on school buses or other vehicles used to transport students for

visitors

Variable Label: Prohibit tobacco use on school buses for visitors

Q26_4_1. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for students?

A. Yes B. No

Numerator: Respondents who answered A for Q26 4 1

Denominator: Respondents who answered A for Q26 4 1, or B for Q26 4 1, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use at off-campus, school-sponsored events for students

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for students

Threshold: All Schools=37 and By Grade Level=10

Q26_4_2. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for faculty/staff?

A. Yes

B. No

Numerator: Respondents who answered A for Q26 4 2

Denominator: Respondents who answered A for Q26 4 2, or B for Q26 4 2, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use at off-campus, school-sponsored events for faculty/staff

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for faculty/staff

Threshold: All Schools=37 and By Grade Level=10

Q26_4_3. Does the tobacco-use prevention policy specifically prohibit tobacco use at off-campus, school-sponsored events for visitors?

A. Yes

B. No

Numerator: Respondents who answered A for Q26 4 3

Denominator: Respondents who answered A for Q26 4 3, or B for Q26 4 3, or B for Q23

Summary text: Percentage of schools that have a tobacco-use prevention policy that specifically

prohibits tobacco use at off-campus, school-sponsored events for visitors

Variable Label: Prohibit tobacco use at off-campus, school-sponsored events for visitors

Threshold: All Schools=37 and By Grade Level=10

Q27. Does your school post signs marking a tobacco-free school zone, that is, a specified distance from school grounds where tobacco use is not allowed?

A. Yes

B. No

Numerator: Respondents who answered A for Q27
Denominator: Respondents who answered A or B for Q27

Summary text: Percentage of schools that post signs marking a tobacco-free school zone, that is, a

specified distance from school grounds where tobacco use is not allowed

Variable label: Tobacco-free school zone signs

Q28. When foods or beverages are offered at school celebrations, how often are fruits or non-fried vegetables offered?

A. Foods or beverages are not offered at school celebrations

B. Never

C. Rarely

D. Sometimes

E. Always or almost always

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q28

Denominator: Respondents who answered A, B, C, D, or E for Q28

Summary text: Percentage of schools that FREQUENCY offer fruits or non-fried vegetables at

school celebrations when foods or beverages are offered. For example, (Never). Percentage of schools that never offer fruits or non-fried vegetables at school

celebrations when foods or beverages are offered.

Variable label: FREQUENCY Fruits/non-fried vegetables offered during celebrations

Threshold: All Schools=55 and By Grade Level=19

Q29. Can students purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar?

A. Yes

B. No → Skip to Question 31

Numerator: Respondents who answered A for Q29
Denominator: Respondents who answered A or B for Q29

Summary text: Percentage of schools in which students can purchase snack foods or beverages from

one or more vending machines at the school or at a school store, canteen, or snack

bar

Variable label: Purchase from vending machines

Threshold: All Schools=55 and By Grade Level=19

Q30_1. Can students purchase chocolate candy from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q30 1

Denominator: Respondents who answered A for Q30 1, or B for Q30 1, or B for Q29

Summary text: Percentage of schools in which students can purchase chocolate candy from vending

machines or at the school store, canteen, or snack bar

Variable label: Students can purchase chocolate candy at school

Q30_2. Can students purchase other kinds of candy from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 2

Denominator: Respondents who answered A for Q30 2, or B for Q30 2, or B for Q29

Summary text: Percentage of schools in which students can purchase other kinds of candy from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase other kinds of candy at school

Threshold: All Schools=37 and By Grade Level=10

Q30_3. Can students purchase salty snacks that are not low in fat (e.g., regular potato chips) from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q30 3

Denominator: Respondents who answered A for Q30 3, or B for Q30 3, or B for Q29

Summary text: Percentage of schools in which students can purchase salty snacks that are not low in

fat (e.g., regular potato chips) from vending machines or at the school store, canteen,

or snack bar

Variable label: Students can purchase salty, not low in fat snacks at school

Threshold: All Schools=37 and By Grade Level=10

Q30_4. Can students purchase low sodium or "no added salt" pretzels, crackers, or chips from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q30 4

Denominator: Respondents who answered A for Q30 4, or B for Q30 4, or B for Q29

Summary text: Percentage of schools in which students can purchase low sodium or "no added salt"

pretzels, crackers, or chips from vending machines or at the school store, canteen, or

snack bar

Variable label: Students can purchase low sodium snacks at school

Q30_5. Can students purchase cookies, crackers, cakes, pastries, or other baked goods that are not low in fat from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 5

Denominator: Respondents who answered A for Q30 5, or B for Q30 5, or B for Q29

Summary text: Percentage of schools in which students can purchase cookies, crackers, cakes,

pastries, or other baked goods that are not low in fat from vending machines or at the

school store, canteen, or snack bar

Variable label: Students can purchase not low in fat cookies or other baked goods at school

Threshold: All Schools=37 and By Grade Level=10

Q30_6. Can students purchase ice cream or frozen yogurt that is not low in fat from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 6

Denominator: Respondents who answered A for Q30 6, or B for Q30 6, or B for Q29

Summary text: Percentage of schools in which students can purchase ice cream or frozen yogurt that

is not low in fat from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase not low in fat ice cream at school

Threshold: All Schools=37 and By Grade Level=10

Q30_7. Can students purchase 2% or whole milk (plain or flavored) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 7

Denominator: Respondents who answered A for Q30 7, or B for Q30 7, or B for Q29

Summary text: Percentage of schools in which students can purchase 2% or whole milk (plain or

flavored) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase 2% or whole milk at school

Threshold: All Schools=37 and By Grade Level=10

Q30_8. Can students purchase nonfat or 1% (low-fat) milk (plain) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 8

Denominator: Respondents who answered A for Q30 8, or B for Q30 8, or B for Q29

Summary text: Percentage of schools in which students can purchase nonfat or 1% (low-fat) milk

(plain) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase nonfat or 1% milk at school

Q30_9. Can students purchase water ices or frozen slushes that do not contain juice from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 9

Denominator: Respondents who answered A for Q30 9, or B for Q30 9, or B for Q29

Summary text: Percentage of schools in which students can purchase water ices or frozen slushes

that do not contain juice from vending machines or at the school store, canteen, or

snack bar

Variable label: Students can purchase water ices that do not contain juice at school

Threshold: All Schools=37 and By Grade Level=10

Q30_10. Can students purchase soda pop or fruit drinks that are not 100% juice from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 10

Denominator: Respondents who answered A for Q30 10, or B for Q30 10, or B for Q29

Summary text: Percentage of schools in which students can purchase soda pop or fruit drinks that are

not 100% juice from vending machines or at the school store, canteen, or snack bar Students can purchase soda pop or fruit drinks that are not 100% juice at school

Variable label: Students can purchase soda pop or fruit d Threshold: All Schools=37 and By Grade Level=10

Q30_11. Can students purchase sports drinks (e.g., Gatorade) from vending machines or at the school store, canteen, or snack bar?

A. Yes

No

B.

Numerator: Respondents who answered A for Q30 11

Denominator: Respondents who answered A for Q30 11, or B for Q30 11, or B for Q29

Summary text: Percentage of schools in which students can purchase sports drinks (e.g., Gatorade)

from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase sports drinks at school Threshold: All Schools=37 and By Grade Level=10

Q30_12. Can students purchase energy drinks (e.g., Red Bull, Monster) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 12

Denominator: Respondents who answered A for Q30 12, or B for Q30 12, or B for Q29

Summary text: Percentage of schools in which students can purchase energy drinks (e.g., Red Bull,

Monster) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase energy drinks at school

Q30_13. Can students purchase plain water, with or without carbonation (e.g., Dasani, Aquafina, Smart Water) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 13

Denominator: Respondents who answered A for Q30 13, or B for Q30 13, or B for Q29

Summary text: Percentage of schools in which students can purchase plain water, with or without

carbonation (e.g., Dasani, Aquafina, Smart Water) from vending machines or at the

school store, canteen, or snack bar

Variable label: Students can purchase plain water, with or without carbonation, at school

Threshold: All Schools=37 and By Grade Level=10

Q30_14. Can students purchase Calorie-free, flavored water, with or without carbonation (e.g., Dasani Flavors, Aquafina FlavorSplash) from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 14

Denominator: Respondents who answered A for Q30 14, or B for Q30 14, or B for Q29

Summary text: Percentage of schools in which students can purchase Calorie-free, flavored water,

with or without carbonation (e.g., Dasani Flavors, Aquafina FlavorSplash) from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase Calorie-free, flavored water, with or without carbonation, at

school

Threshold: All Schools=37 and By Grade Level=10

Q30_15. Can students purchase 100% fruit or vegetable juice from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 15

Denominator: Respondents who answered A for Q30 15, or B for Q30 15, or B for Q29

Summary text: Percentage of schools in which students can purchase 100% fruit or vegetable juice

from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase 100% fruit/vegetable juice at school

Q30_16. Can students purchase foods or beverages containing caffeine from vending machines or at the school store, canteen, or snack bar?

A. Yes B. No

Numerator: Respondents who answered A for Q30 16

Denominator: Respondents who answered A for Q30 16, or B for Q30 16, or B for Q29

Summary text: Percentage of schools in which students can purchase foods or beverages containing

caffeine from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase caffeinated foods/beverages at school

Threshold: All Schools=37 and By Grade Level=10

Q30_17. Can students purchase fruits (not fruit juice) from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q30 17

Denominator: Respondents who answered A for Q30 17, or B for Q30 17, or B for Q29

Summary text: Percentage of schools in which students can purchase fruits (not fruit juice) from

vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase fruits at school Threshold: All Schools=37 and By Grade Level=10

Q30_18. Can students purchase non-fried vegetables (not vegetable juice) from vending machines or at the school store, canteen, or snack bar?

A. Yes

B. No

Numerator: Respondents who answered A for Q30 18

Denominator: Respondents who answered A for Q30 18, or B for Q30 18, or B for Q29

Summary text: Percentage of schools in which students can purchase non-fried vegetables (not

vegetable juice) from vending machines or at the school store, canteen, or snack bar

Variable label: Students can purchase non-fried vegetables at school

Threshold: All Schools=37 and By Grade Level=10

Q31_1. During this school year, has your school priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_1 Denominator: Respondents who answered A or B for Q31_1

Summary text: Percentage of schools priced nutritious foods and beverages at a lower cost while

increasing the price of less nutritious foods and beverages during the current school

year

Variable label: Price foods and beverages based on nutritious value

Q31_2. During this school year, has your school collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating?

A. Yes B. No

Numerator: Respondents who answered A for Q31_2 Denominator: Respondents who answered A or B for Q31_2

Summary text: Percentage of schools collected suggestions from students, families, and school staff

on nutritious food preferences and strategies to promote healthy eating during the

current school year

Variable label: Collect suggestions on nutritious food preferences

Threshold: All Schools=55 and By Grade Level=19

Q31_3. During this school year, has your school provided information to students or families on the nutrition and caloric content of foods available?

A. Yes B. No

Numerator: Respondents who answered A for Q31_3
Denominator: Respondents who answered A or B for Q31_3

Summary text: Percentage of schools provided information to students or families on the nutrition

and caloric content of foods available during the current school year

Variable label: Provide Information on nutrition and caloric content of foods

Threshold: All Schools=55 and By Grade Level=19

Q31_4. During this school year, has your school conducted taste tests to determine food preferences for nutritious items?

A. Yes B. No

Numerator: Respondents who answered A for Q31_4
Denominator: Respondents who answered A or B for Q31_4

Summary text: Percentage of schools conducted taste tests to determine food preferences for

nutritious items during the current school year

Variable label: Conduct taste tests to determine food preferences for nutritious items

Q31_5. During this school year, has your school provided opportunities for students to visit the cafeteria to learn about food safety, food preparation, or other nutrition-related topics?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_5
Denominator: Respondents who answered A or B for Q31_5

Summary text: Percentage of schools provided opportunities for students to visit the cafeteria to

learn about food safety, food preparation, or other nutrition-related topics during the

current school year

Variable label: Provide opportunities to visit cafeteria to learn about food safety

Threshold: All Schools=55 and By Grade Level=19

Q31_6. During this school year, has your school served locally or regionally grown foods in the cafeteria or classrooms?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_6
Denominator: Respondents who answered A or B for Q31_6

Summary text: Percentage of schools served locally or regionally grown foods in the cafeteria or

classrooms during the current school year

Variable label: Serve locally grown foods in cafeteria or classrooms

Threshold: All Schools=55 and By Grade Level=19

Q31 7. During this school year, has your school planted a school food or vegetable garden?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_7
Denominator: Respondents who answered A or B for Q31_7

Summary text: Percentage of schools planted a school food or vegetable garden during the current

school year

Variable label: Plant a school food or vegetable garden Threshold: All Schools=55 and By Grade Level=19

Q31_8. During this school year, has your school placed fruits and vegetables near the cafeteria cashier, where they are easy to access?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_8
Denominator: Respondents who answered A or B for Q31_8

Summary text: Percentage of schools placed fruits and vegetables near the cafeteria cashier, where

they are easy to access during the current school year

Variable label: Place fruits and vegetables near cafeteria cashier

Q31_9. During this school year, has your school used attractive displays for fruits and vegetables in the cafeteria?

A. Yes B. No

Numerator: Respondents who answered A for Q31_9
Denominator: Respondents who answered A or B for Q31_9

Summary text: Percentage of schools used attractive displays for fruits and vegetables in the

cafeteria during the current school year

Variable label: Use attractive displays for fruits and vegetables in cafeteria

Threshold: All Schools=55 and By Grade Level=19

Q31 10. During this school year, has your school offered a self-serve salad bar to students?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_10
Denominator: Respondents who answered A or B for Q31_10

Summary text: Percentage of schools offered a self-serve salad bar to students during the current

school year

Variable label: Offer self-serve salad bar to students
Threshold: All Schools=55 and By Grade Level=19

Q31_11. During this school year, has your school labeled healthful foods with appealing names (e.g., crunchy carrots)?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_11
Denominator: Respondents who answered A or B for Q31_11

Summary text: Percentage of schools labeled healthful foods with appealing names (e.g., crunchy

carrots) during the current school year

Variable label: Label healthful foods with appealing names Threshold: All Schools=55 and By Grade Level=19

Q31 12. During this school year, has your school encouraged students to drink plain water?

A. Yes

B. No

Numerator: Respondents who answered A for Q31_12
Denominator: Respondents who answered A or B for Q31_12

Summary text: Percentage of schools that have encouraged students to drink plain water during the

current school year

Variable label: Encourage students to drink plain water Threshold: All Schools=55 and By Grade Level=19

Q31_13. During this school year, has your school prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance?

A. Yes B. No

Numerator: Respondents who answered A for Q31_13
Denominator: Respondents who answered A or B for Q31_13

Summary text: Percentage of schools that have prohibited school staff from giving students food or

food coupons as a reward for good behavior or good academic performance during

the current school year

Variable label: Prohibit school staff from giving students food or food coupons as a reward

Threshold: All Schools=55 and By Grade Level=19

Q31_14. During this school year, has your school prohibited less nutritious foods and beverages (e.g., candy, baked goods) from being sold for fundraising purposes?

A. Yes B. No

Numerator: Respondents who answered A for Q31_14
Denominator: Respondents who answered A or B for Q31_14

Summary text: Percentage of schools that have prohibited less nutritious foods and beverages (e.g.,

candy, baked goods) from being sold for fundraising purposes during the current

school year

Variable label: Prohibit selling less nutritious foods and beverages for fundraising

Threshold: All Schools=55 and By Grade Level=19

Q32_1. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in the school building?

A. Yes B. No

Numerator: Respondents who answered A for Q32_1 Denominator: Respondents who answered A or B for Q32_1

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants, or

soft drinks in the school building

Variable Label: Prohibit advertising in the school building Threshold: All Schools=55 and By Grade Level=19

Q32_2. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks on school grounds including on the outside of the school building, on playing fields, or other areas of the campus?

A. Yes

B. No

Numerator: Respondents who answered A for Q32_2 Denominator: Respondents who answered A or B for Q32_2

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants, or

soft drinks on school grounds including on the outside of the school building, on

playing fields, or other areas of the campus

Variable label: Prohibit advertising on school grounds
Threshold: All Schools=55 and By Grade Level=19

Q32_3. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks on school buses or other vehicles used to transport students?

A. Yes B. No

Numerator: Respondents who answered A for Q32_3
Denominator: Respondents who answered A or B for Q32_3

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants, or

soft drinks on school buses or other vehicles used to transport students

Variable label: Prohibit advertising on school buses
Threshold: All Schools=55 and By Grade Level=19

Q32_4. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in school publications (e.g., newsletters, newspapers, web sites, or other school publications)?

A. Yes B. No

Numerator: Respondents who answered A for Q32_4
Denominator: Respondents who answered A or B for Q32_4

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants, or

soft drinks in school publications (e.g., newsletters, newspapers, web sites, or other

school publications)

Variable label: Prohibit advertising in school publications Threshold: All Schools=55 and By Grade Level=19

Q32_5. Does your school prohibit advertisements for candy, fast food restaurants, or soft drinks in curricula or other educational materials (including assignment books, school supplies, book covers, and electronic media)?

A. Yes

B. No

Numerator: Respondents who answered A for Q32_5 Denominator: Respondents who answered A or B for Q32_5

Summary text: Percentage of schools that prohibit advertisements for candy, fast food restaurants, or

soft drinks in curricula or other educational materials (including assignment books,

school supplies, book covers, and electronic media)

Variable label: Prohibit advertising in curricula or other educational materials

Threshold: All Schools=55 and By Grade Level=19

Q33. Are students permitted to have a drinking water bottle with them during the school day?

A. Yes, in all locations

B. Yes, in certain locations

C. No

Numerator: Respondents who answered A or B for Q33
Denominator: Respondents who answered A, B, or C for Q33

Summary text: Percentage of schools that permit students to have a drinking water bottle with them

during the school day

Variable label: Drinking water bottle

Threshold: All Schools=55 and By Grade Level=19

Q34 1. Does your school offer a free source of drinking water in cafeteria during breakfast?

A. Yes

B. No C. NA

Numerator: Respondents who answered A for Q34 1

Denominator: Respondents who answered A or B for Q34 1. Respondents who answered C for

O34 1 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in cafeteria during

breakfast*

Footnote: *Among schools with that location

Variable label: Drinking water in cafeteria during breakfast Threshold: All Schools=55 and By Grade Level=19

Q34_2. Does your school offer a free source of drinking water in cafeteria during lunch?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q34 2

Denominator: Respondents who answered A or B for Q34 2. Respondents who answered C for

Q34 2 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in cafeteria during

lunch*

Footnote: *Among schools with that location
Variable label: Drinking water in cafeteria during lunch
Threshold: All Schools=55 and By Grade Level=19

Q34_3. Does your school offer a free source of drinking water in gymnasium or other indoor physical activity facilities?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q34 3

Denominator: Respondents who answered A or B for Q34 3. Respondents who answered C for

Q34 3 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in gymnasium or

other indoor physical activity facilities*

Footnote: *Among schools with that location Variable label: Drinking water in gymnasium

Threshold: All Schools=55 and By Grade Level=19

Q34_4. Does your school offer a free source of drinking water in outdoor physical activity facilities and sports fields?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q34 4

Denominator: Respondents who answered A or B for Q34 4. Respondents who answered C for

Q34 4 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in outdoor physical

activity facilities and sports fields*

Footnote: *Among schools with that location

Variable label: Drinking water in outdoor physical activity facilities

Q34 5. Does your school offer a free source of drinking water in hallways throughout the school?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q34 5

Denominator: Respondents who answered A or B for Q34 5. Respondents who answered C for

Q34 5 are excluded.

Summary text: Percentage of schools that offer a free source of drinking water in hallways

throughout the school*

Footnote: *Among schools with that location
Variable label: Drinking water in school hallways
Threshold: All Schools=55 and By Grade Level=19

Q35. Is there a full-time registered nurse who provides health services to students at your school? (A full-time nurse means that a nurse is at the school during all school hours, 5 days per week.)

A. Yes B. No

Numerator: Respondents who answered A for Q35
Denominator: Respondents who answered A or B for Q35

Summary text: Percentage of schools that have a full-time registered nurse who provides health

services to students

Variable label: Full-time nurse at school

Threshold: All Schools=55 and By Grade Level=19

Q36. Is there a part-time registered nurse who provides health services to students at your school? (A part-time nurse means that a nurse is at the school less than 5 days a week, less than all school hours, or both.)

A. Yes B. No

Numerator: Respondents who answered A for Q36
Denominator: Respondents who answered A or B for Q36

Summary text: Percentage of schools that have a part-time registered nurse who provides health

services to students

Variable label: Part-time nurse at school

Q37. Does your school have a school-based health center that offers health services to students? (School-based health centers are places on school campus where enrolled students can receive primary care, including diagnostic and treatment services. These services are usually provided by a nurse practitioner or physician's assistant.)

A. Yes B. No

Numerator: Respondents who answered A for Q37
Denominator: Respondents who answered A or B for Q37

Summary text: Percentage of schools that have a school-based health center that offers health

services to students

Variable label: School-based health center

Threshold: All Schools=55 and By Grade Level=19

Q38_1. Does your school provide HIV testing to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_1 Denominator: Respondents who answered A or B for Q38_1

Summary text: Percentage of schools that provide HIV testing to students

Variable label: Provide HIV testing

Threshold: All Schools=55 and By Grade Level=19

Q38_2. Does your school provide HIV treatment (ongoing medical care for persons living with HIV) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_2 Denominator: Respondents who answered A or B for Q38_2

Summary text: Percentage of schools that provide HIV treatment (ongoing medical care for persons

living with HIV) to students

Variable label: Provide HIV treatment

Threshold: All Schools=55 and By Grade Level=19

Q38 3. Does your school provide STD testing to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_3
Denominator: Respondents who answered A or B for Q38_3

Summary text: Percentage of schools that provide STD testing to students

Variable label: Provide STD testing

Q38_4. Does your school provide STD treatment to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_4
Denominator: Respondents who answered A or B for Q38_4

Summary text: Percentage of schools that provide STD treatment to students

Variable label: Provide STD treatment

Threshold: All Schools=55 and By Grade Level=19

Q38_5. Does your school provide pregnancy testing to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_5
Denominator: Respondents who answered A or B for Q38_5

Summary text: Percentage of schools that provide pregnancy testing to students

Variable label: Provide pregnancy testing

Threshold: All Schools=55 and By Grade Level=19

Q38_6. Does your school provide condoms to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_6
Denominator: Respondents who answered A or B for Q38_6

Summary text: Percentage of schools that provide condoms to students

Variable label: Provide condoms

Threshold: All Schools=55 and By Grade Level=19

Q38_7. Does your school provide condom-compatible lubricants (i.e., water- or silicone-based) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_7
Denominator: Respondents who answered A or B for Q38_7

Summary text: Percentage of schools that provide condom-compatible lubricants (i.e., water- or

silicone-based) to students

Variable label: Provide condom-compatible lubricants
Threshold: All Schools=55 and By Grade Level=19

Q38_8. Does your school provide contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD]) to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_8
Denominator: Respondents who answered A or B for Q38_8

Summary text: Percentage of schools that provide contraceptives other than condoms (e.g., birth

control pill, birth control shot, intrauterine device [IUD]) to students

Variable label: Provide contraceptives other than condoms Threshold: All Schools=55 and By Grade Level=19

Q38 9. Does your school provide prenatal care to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_9
Denominator: Respondents who answered A or B for Q38_9

Summary text: Percentage of schools that provide prenatal care to students

Variable label: Provide prenatal care

Threshold: All Schools=55 and By Grade Level=19

Q38 10. Does your school provide human papillomavirus (HPV) vaccine administration to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_10
Denominator: Respondents who answered A or B for Q38_10

Summary text: Percentage of schools that provide human papillomavirus (HPV) vaccine

administration to students

Variable label: Provide HPV vaccine administration
Threshold: All Schools=55 and By Grade Level=19

Q38_11. Does your school provide assessment for alcohol or other drug use, abuse, or dependency to students?

A. Yes B. No

Numerator: Respondents who answered A for Q38_11
Denominator: Respondents who answered A or B for Q38_11

Summary text: Percentage of schools that provide assessment for alcohol or other drug use, abuse, or

dependency to students

Variable label: Provide assessment for alcohol or other drug use, abuse, or dependency

Q38_12. Does your school provide daily medication administration for students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes B. No

Numerator: Respondents who answered A for Q38_12
Denominator: Respondents who answered A or B for Q38_12

Summary text: Percentage of schools that provide daily medication administration for students with

chronic health conditions (e.g., asthma, diabetes)

Variable label: Provide daily medication administration for students with chronic health conditions

Threshold: All Schools=55 and By Grade Level=19

Q38_13. Does your school provide stock rescue or "as needed" medication for any student experiencing a health emergency (e.g., asthma episode, severe allergic reaction)?

A. Yes

B. No

Numerator: Respondents who answered A for Q38_13
Denominator: Respondents who answered A or B for Q38_13

Summary text: Percentage of schools that provide stock rescue or "as needed" medication for any

student experiencing a health emergency (e.g., asthma episode, severe allergic

reaction)

Variable label: Provide stock rescue or "as needed" medication for any student experiencing a health

emergency

Threshold: All Schools=55 and By Grade Level=19

Q38_14. Does your school provide case management for students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes

B. No

Numerator: Respondents who answered A for Q38_14
Denominator: Respondents who answered A or B for Q38_14

Summary text: Percentage of schools that provide case management for students with chronic health

conditions (e.g., asthma, diabetes)

Variable label: Provide case management for students with chronic health conditions

Q39_1. Does your school provide students with referrals to any organizations or health care professionals not on school property for HIV testing?

A. Yes B. No

Numerator: Respondents who answered A for Q39_1 Denominator: Respondents who answered A or B for Q39_1

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for HIV testing

Variable label: Referral for HIV testing

Threshold: All Schools=55 and By Grade Level=19

Q39_2. Does your school provide students with referrals to any organizations or health care professionals not on school property for HIV treatment (ongoing medical care for persons living with HIV)?

A. Yes B. No

Numerator: Respondents who answered A for Q39_2 Denominator: Respondents who answered A or B for Q39_2

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for HIV treatment (ongoing medical

care for persons living with HIV)

Variable label: Referral for HIV treatment

Threshold: All Schools=55 and By Grade Level=19

Q39_3. Does your school provide students with referrals to any organizations or health care professionals not on school property for nPEP (non-occupational post-exposure prophylaxis for HIV -- a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)?

A. Yes B. No

Numerator: Respondents who answered A for Q39_3
Denominator: Respondents who answered A or B for Q39_3

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for nPEP (non-occupational post-exposure prophylaxis for HIV -- a short course of medication given within 72 hours of exposure to infectious bodily fluids from a person known to be HIV positive)

Variable label: Referral for nPEP

Q39_4. Does your school provide students with referrals to any organizations or health care professionals not on school property for STD testing?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_4
Denominator: Respondents who answered A or B for Q39_4

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for STD testing

Variable label: Referral for STD testing

Threshold: All Schools=55 and By Grade Level=19

Q39_5. Does your school provide students with referrals to any organizations or health care professionals not on school property for STD treatment?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_5
Denominator: Respondents who answered A or B for Q39_5

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for STD treatment

Variable label: Referral for STD treatment

Threshold: All Schools=55 and By Grade Level=19

Q39_6. Does your school provide students with referrals to any organizations or health care professionals not on school property for pregnancy testing?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_6
Denominator: Respondents who answered A or B for Q39_6

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for pregnancy testing

Variable label: Referral for pregnancy testing

Threshold: All Schools=55 and By Grade Level=19

Q39_7. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of condoms?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_7
Denominator: Respondents who answered A or B for Q39_7

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of condoms

Variable label: Referral for provision of condoms

Q39_8. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of condom-compatible lubricants (i.e., water- or silicone-based)?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_8
Denominator: Respondents who answered A or B for Q39_8

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of condom-

compatible lubricants (i.e., water- or silicone-based)

Variable label: Referral for condom-compatible lubricants Threshold: All Schools=55 and By Grade Level=19

Q39_9. Does your school provide students with referrals to any organizations or health care professionals not on school property for the provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device [IUD])?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_9
Denominator: Respondents who answered A or B for Q39_9

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for the provision of contraceptives other than condoms (e.g., birth control pill, birth control shot, intrauterine device

[IUD])

Variable label: Referral for contraceptives other than condoms

Threshold: All Schools=55 and By Grade Level=19

Q39_10. Does your school provide students with referrals to any organizations or health care professionals not on school property for prenatal care?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_10 Denominator: Respondents who answered A or B for Q39_10

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for prenatal care

Variable label: Referral for prenatal care

Q39_11. Does your school provide students with referrals to any organizations or health care professionals not on school property for human papillomavirus (HPV) vaccine administration to students?

A. Yes

B. No

Numerator: Respondents who answered A for Q39_11
Denominator: Respondents who answered A or B for Q39_11

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for human papillomavirus (HPV)

vaccine administration

Variable label: Referral for HPV vaccine administration Threshold: All Schools=55 and By Grade Level=19

Q39_12. Does your school provide students with referrals to any organizations or health care professionals not on school property for alcohol or other drug abuse treatment to students?

A. Yes B. No

Numerator: Respondents who answered A for Q39_12
Denominator: Respondents who answered A or B for Q39_12

Summary text: Percentage of schools that provide students with referrals to any organizations or

health care professionals not on school property for alcohol or other drug abuse

treatment

Variable label: Referral for alcohol or other drug abuse treatment

Threshold: All Schools=55 and By Grade Level=19

Q40. Does your school have a protocol that ensures students with a chronic condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs if eligible?

A. Yes B. No

Numerator: Respondents who answered A for Q40
Denominator: Respondents who answered A or B for Q40

Summary text: Percentage of schools that have a protocol that ensures students with a chronic

condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs

if eligible

Variable label: Protocol for insurance programs

Q41_1. Does your school routinely use school records to identify and track students with a current diagnosis of asthma? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_1 Denominator: Respondents who answered A or B for Q41_1

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of asthma

Variable label: Track students with asthma

Threshold: All Schools=55 and By Grade Level=19

Q41_2. Does your school routinely use school records to identify and track students with a current diagnosis of food allergies? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_2 Denominator: Respondents who answered A or B for Q41_2

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of food allergies

Variable label: Track students with food allergies
Threshold: All Schools=55 and By Grade Level=19

Q41_3. Does your school routinely use school records to identify and track students with a current diagnosis of diabetes? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_3
Denominator: Respondents who answered A or B for Q41_3

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of diabetes

Variable label: Track students with diabetes

Q41_4. Does your school routinely use school records to identify and track students with a current diagnosis of epilepsy or seizure disorder? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_4
Denominator: Respondents who answered A or B for Q41_4

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of epilepsy or seizure disorder

Variable label: Track students with epilepsy or seizure disorder

Threshold: All Schools=55 and By Grade Level=19

Q41_5. Does your school routinely use school records to identify and track students with a current diagnosis of obesity? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_5
Denominator: Respondents who answered A or B for Q41_5

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of obesity

Variable label: Track students with obesity

Threshold: All Schools=55 and By Grade Level=19

Q41_6. Does your school routinely use school records to identify and track students with a current diagnosis of hypertension/high blood pressure? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_6
Denominator: Respondents who answered A or B for Q41_6

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of hypertension/high blood pressure

Variable label: Track students with hypertension/high blood pressure

Q41_7. Does your school routinely use school records to identify and track students with a current diagnosis of an oral health condition (e.g., abscess, tooth decay)? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes?

A. Yes B. No

Numerator: Respondents who answered A for Q41_7
Denominator: Respondents who answered A or B for Q41_7

Summary text: Percentage of schools that routinely use school records to identify and track students

with a current diagnosis of an oral health condition (e.g., abscess, tooth decay)

Variable label: Track students with oral health condition Threshold: All Schools=55 and By Grade Level=19

Q42_1. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have asthma? Include referrals to school-based health centers, even if they are located on school property?

A. Yes

Numerator: Respondents who answered A for Q42_1 Denominator: Respondents who answered A or B for Q42_1

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

asthma

Variable label: Refer students with asthma

Threshold: All Schools=55 and By Grade Level=19

Q42_2. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have food allergies? Include referrals to school-based health centers, even if they are located on school property?

A. Yes B. No

Numerator: Respondents who answered A for Q42_2 Denominator: Respondents who answered A or B for Q42_2

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

food allergies

Variable label: Refer students with food allergies
Threshold: All Schools=55 and By Grade Level=19

Q42_3. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have diabetes? Include referrals to school-based health centers, even if they are located on school property?

A. Yes

B. No

Numerator: Respondents who answered A for Q42_3
Denominator: Respondents who answered A or B for Q42_3

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

diabetes

Variable label: Refer students with diabetes

Threshold: All Schools=55 and By Grade Level=19

Q42_4. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have epilepsy or seizure disorder? Include referrals to school-based health centers, even if they are located on school property?

A. Yes

B. No

Numerator: Respondents who answered A for Q42_4
Denominator: Respondents who answered A or B for Q42_4

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

epilepsy or seizure disorder

Variable label: Refer students with epilepsy or seizure disorder

Threshold: All Schools=55 and By Grade Level=19

Q42_5. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have obesity? Include referrals to school-based health centers, even if they are located on school property?

A. Yes

B. No

Numerator: Respondents who answered A for Q42_5
Denominator: Respondents who answered A or B for Q42_5

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

obesity

Variable label: Refer students with obesity

Q42_6. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have hypertension/high blood pressure? Include referrals to school-based health centers, even if they are located on school property?

A. YesB. No

Numerator: Respondents who answered A for Q42_6
Denominator: Respondents who answered A or B for Q42_6

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

hypertension/high blood pressure

Variable label: Refer students with hypertension/high blood pressure

Threshold: All Schools=55 and By Grade Level=19

Q42_7. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have an oral health condition (e.g., abscess, tooth decay)? Include referrals to school-based health centers, even if they are located on school property?

A. Yes B. No

Numerator: Respondents who answered A for Q42_7
Denominator: Respondents who answered A or B for Q42_7

Summary text: Percentage of schools that provide referrals to any organizations or health care

professionals not on school property for students diagnosed with or suspected to have

an oral health condition (e.g., abscess, tooth decay)

Variable label: Refer students with oral health condition Threshold: All Schools=55 and By Grade Level=19

- Q43. Which of the following best describes your school's practices regarding parental consent and notification when sexual or reproductive health services, such as STD testing or pregnancy testing, are <u>provided</u> by your school?
 - A. This school does **not provide** any sexual or reproductive health services.
 - B. Parental consent is required before any sexual or reproductive health services are provided.
 - C. Parental consent is **not** required for sexual or reproductive health services and parents are provided with information about services **provided** only upon request.
 - D. Parental consent is **not** required for sexual or reproductive health services, but parents may be notified depending on the service **provided**.
 - E. Parental consent is **not** required for sexual or reproductive health services, but parents are notified about all services **provided**.
 - F. Parental consent is **not** required for sexual or reproductive health services and parents are **not** notified about any services **provided**.

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q43

Denominator: Respondents who answered A, B, C, D, E, or F for Q43

Summary text: Percentage of schools that TYPE OF REQUIREMENT before any sexual or

reproductive health services are provided. For example, Parental consent is **not** required for sexual or reproductive health services and parents are provided with information about services **provided** only upon request. Percentage of schools that do not require parental consent for sexual or reproductive health services and provide

parents with information about services only upon request.

Variable label: School practice when sexual health services provided

- Q44. Which of the following best describes your school's practices regarding parental consent and notification when sexual or reproductive health services, such as STD testing or pregnancy testing, are <u>referred</u> by your school?
 - A. This school does **not refer** any sexual or reproductive health services.
 - B. Parental consent is required before any sexual or reproductive health services are **referred**.
 - C. Parental consent is **not** required for sexual or reproductive health services and parents are provided with information about **referrals** provided only upon request.
 - D. Parental consent is **not** required for sexual or reproductive health services, but parents may be notified depending on the **referral** provided.
 - E. Parental consent is **not** required for sexual or reproductive health services, but parents are notified about all **referrals** provided.
 - F. Parental consent is **not** required for sexual or reproductive health services and parents are **not** notified about any **referrals** provided.

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q44

Denominator: Respondents who answered A, B, C, D, E, or F for Q44

Summary text: Percentage of schools that TYPE OF REQUIREMENT before any sexual or

reproductive health services are referred. For example, Parental consent is **not** required for sexual or reproductive health services and parents are provided with information about **referrals** provided only upon request. Percentage of schools that do not require parental consent for sexual or reproductive health services and provide

parents with information about referrals only upon request.

Variable label: School practice when sexual health services referred

Threshold: All Schools=55 and By Grade Level=19

Q45_1. During this school year, has your school provided parents and families with information about how to communicate with their child about sex?

A. Yes

B. No

Numerator: Respondents who answered A for Q45_1 Denominator: Respondents who answered A or B for Q45_1

Summary text: Percentage of schools that have provided parents and families with information about

how to communicate with their child about sex during the current school year

Variable label: How to communicate with their child about sex

Q45_2. During this school year, has your school provided parents with information about how to monitor their child (e.g., setting parental expectations, keeping track of their child, responding when their child breaks the rules)?

A. Yes

B. No

Numerator: Respondents who answered A for Q45_2 Denominator: Respondents who answered A or B for Q45_2

Summary text: Percentage of schools that have provided parents with information about how to

monitor their child (e.g., setting parental expectations, keeping track of their child,

responding when their child breaks the rules) during the current school year

Variable label: How to monitor their child

Threshold: All Schools=55 and By Grade Level=19

Q45_3. During this school year, has your school involved parents as school volunteers in the delivery of health education activities and services?

A. YesB. No

Numerator: Respondents who answered A for Q45_3
Denominator: Respondents who answered A or B for Q45_3

Summary text: Percentage of schools that have involved parents as school volunteers in the delivery

of health education activities and services during the current school year

Variable label: Parents as volunteers in health education activities

Threshold: All Schools=55 and By Grade Level=19

Q45_4. During this school year, has your school linked parents and families to health services and programs in the community?

A. Yes

B. No

Numerator: Respondents who answered A for Q45_4
Denominator: Respondents who answered A or B for Q45_4

Summary text: Percentage of schools that have linked parents and families to health services and

programs in the community during the current school year

Variable label: Link parents to health services

Q45_5. During this school year, has your school provided disease-specific education for parents and families of students with chronic health conditions (e.g., asthma, diabetes)?

A. Yes B. No

Numerator: Respondents who answered A for Q45_5 Denominator: Respondents who answered A or B for O45_5

Summary text: Percentage of schools that have provided disease-specific education for parents and

families of students with chronic health conditions (e.g., asthma, diabetes) during the

current school year

Variable label: Provided disease-specific education for parents and families of students with chronic

health conditions

Threshold: All Schools=55 and By Grade Level=19

Q46. Does your school use electronic (e.g., e-mails, school web site), paper (e.g., flyers, postcards), or oral (e.g., phone calls, parent seminars) communication to inform parents about school health services and programs?

A. Yes

Numerator: Respondents who answered A for Q46
Denominator: Respondents who answered A or B for Q46

Summary text: Percentage of schools that use electronic, paper, or oral communication to inform

parents about school health services and programs

Variable label: Inform parents about health services
Threshold: All Schools=55 and By Grade Level=19

Q47. Does your school participate in a program in which family or community members serve as role models to students or mentor students, such as the Big Brothers Big Sisters program?

A. Yes B. No

Numerator: Respondents who answered A for Q47
Denominator: Respondents who answered A or B for Q47

Summary text: Percentage of schools that participate in a program in which family or community

members serve as role models to students or mentor students, such as the Big

Brothers Big Sisters program

Variable label: Program to mentor students

Q48. Service learning is a particular type of community service that is designed to meet specific learning objectives for a course. Does your school provide service-learning opportunities for students?

A. Yes B. No

Numerator: Respondents who answered A for Q48
Denominator: Respondents who answered A or B for Q48

Summary text: Percentage of schools that provide service-learning opportunities for students

Variable label: Provide service learning opportunities
Threshold: All Schools=55 and By Grade Level=19

Q49. Does your school provide peer tutoring opportunities for students?

A. Yes B. No

Numerator: Respondents who answered A for Q49
Denominator: Respondents who answered A or B for Q49

Summary text: Percentage of schools that provide peer tutoring opportunities for students

Variable label: Peer tutoring

Threshold: All Schools=55 and By Grade Level=19

Q50. During the past two years, have students' families helped develop or implement policies and programs related to school health?

A. Yes B. No

Numerator: Respondents who answered A for Q50 Denominator: Respondents who answered A or B for Q50

Summary text: Percentage of schools in which students' families helped develop or implement

policies and programs related to school health during the past two years during the

past two years

Variable label: Families help develop school health policies Threshold: All Schools=55 and By Grade Level=19

2. Principal Supplemental Variables

Supplemental variables are calculated based on results from one or more than one question. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

SHS PM 2

Numerator: Respondents who answered A to Q38_1 or Q39_1, and A to Q38_3 or Q39_4, and A

to Q38 5 or Q39 6, and A to Q38 6 or Q39 7, and A to Q38 7 or Q39 8 and A to

Q38 8 or Q39 9 and A to Q38 10 or Q39 11

Denominator: Respondents who answered A to Q38_1 or Q39_1, and A to Q38_3 or Q39_4, and A

to Q38_5 or Q39_6, and A to Q38_6 or Q39_7, and A to Q38_7 or Q39_8 and A to Q38_8 or Q39_9 and A to Q38_10 or Q39_11, or B to Q38_1 and Q39_1, or B to Q38_3 and Q39_4, or B to Q38_5 and Q39_6, or B to Q38_6 and Q39_7, or B to

Q38 7 and Q39 8, or B to Q38 8 and Q39 9, or B to Q38 10 and Q39 11

Summary text: Percentage of schools that provide students with on-site services or referrals to

healthcare providers for all of the following services:

HIV testing

STD testing

Pregnancy testing

Provision of condoms

• Provision of condom-compatible lubricants (i.e., water- or silicone-based)

• Provision of contraceptives other than condoms (e.g., birth control pill, birth

control shot, IUD)

• Human papillomavirus (HPV) vaccine administration

Variable label: SHS PM 2 HIV on-site services/referrals

Dependence: Depends on Q38 1, Q38 3, Q38 5-Q38 8, Q38 10, Q39 1, Q39 4, Q39 6-Q39 9,

Q39 11

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $(Q38 \ 1 = 1 \text{ or } Q39 \ 1 = 1)$ and $(Q38 \ 3 = 1 \text{ or } Q39 \ 4 = 1)$ and $(Q38 \ 5 = 1 \text{ or } Q39 \ 4 = 1)$

Q39_6 = 1) and (Q38_6 = 1 or Q39_7 = 1) and (Q38_7 = 1 or Q39_8 = 1) and (Q38_8 = 1 or Q39_9 = 1) and (Q38_10 = 1 or Q39_11 = 1) then SHS_PM_2 = 1; else if (Q38_1 = 2 and Q39_1 = 2) or (Q38_3 = 2 and Q39_4 = 2) or (Q38_5 = 2 and Q39_6 = 2) or (Q38_6 = 2 and Q39_7 = 2) or (Q38_7 = 2 and Q39_8 = 2) or (Q38_8 = 2) or (Q38

= 2 and Q39_9 = 2) or (Q38_10 = 2 and Q39_11 = 2) then SHS_PM_2 = 2;

SSNE 1 Numerator: Respondents who answered B to all of Q30 1-Q30 3 and Q30 5 and Q30 10 and Q30 11 or B to Q29 Respondents who answered B to all of Q30 1-Q30 3 and Q30 5 and Q30 10 and Denominator: Q30 11 or B to Q29 or A to any of Q30 1-Q30 3, Q30 5 or Q30 10 or Q30 11 Percentage of schools that do not sell less healthy foods and beverages (soda pop or Summary text: fruit drinks, sports drinks, baked goods, salty snacks, candy) SSNE1 (2.3.04) do not sell less healthy food Variable label: Depends on Q29, Q30 1-Q30 3, Q30 5, Q30 10, and Q30 11 Dependence: Threshold: All Schools=37 and By Grade Level=10 SAS code: if $(Q30 \ 1 = 2 \text{ and } Q30 \ 2 = 2 \text{ and } Q30 \ 3 = 2 \text{ and } Q30 \ 5 = 2 \text{ and } Q30 \ 10 = 2 \text{ and}$ Q30 11 = 2) or Q29 = 2 then SSNE 1 = 1; else if Q30 1 = 1 or Q30 2 = 1 or Q30 3 = 1 or Q30 5 = 1 or Q30 10 = 1 or Q30 11 = 1 then SSNE 1 = 2; SSNE 2 Numerator: Respondents who answered A to all of Q32 1-Q32 5 Denominator: Respondents who answered A to all of Q32 1-Q32 5 or B to any of Q32 1-Q32 5 Percentage of schools that prohibit all forms of advertising and promotion for candy, Summary text: fast food restaurants, and soft drinks SSNE2 (2.3.06) prohibit food advertising Variable label: Dependence: Depends on Q32 1-Q32 5 Threshold: All Schools=55 and By Grade Level=19 if Q32 1 = 1 and Q32 2 = 1 and Q32 3 = 1 and Q32 4 = 1 and Q32 5 = 1SAS code: then SSNE 2 = 1; else if Q32 1 = 2 or Q32 2 = 2 or Q32 3 = 2 or Q32 4 = 2 or Q32 5 = 2then SSNE 2 = 2; SSNE 3 Numerator: Respondents who answered A to O31 1 Denominator: Respondents who answered A to Q31 1 or B to Q31 1 Percentage of schools that price nutritional foods and beverages at a lower cost while Summary text: increasing the price of less nutritious foods and beverages SSNE3 (2.3.07) price nutritional foods lower Variable label: Depends on Q31 1 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q31 1 = 1 then SSNE 3 = 1;

else if Q31 1 = 2 then SSNE 3 = 2;

SSNE 4

Numerator: Respondents who answered A to Q31 3

Denominator: Respondents who answered A to Q31_3 or B to Q31_3

Summary text: Percentage of schools that provide information to students or families on the

nutrition, caloric, and sodium content of foods available

Variable label: SSNE4 (2.3.08) provide nutrition information

Dependence: Depends on O31 3

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q31 3 = 1 then SSNE 4 = 1;

else if Q31 3 = 2 then SSNE 4 = 2;

SSNE 5

Numerator: Respondents who answered A to Q31 8

Denominator: Respondents who answered A to Q31 8 or B to Q31 8

Summary text: Percentage of schools that place fruits and vegetables near the cafeteria cashier,

where they are easy to access

Variable label: SSNE5 (2.3.09) easy access to fruits

Dependence: Depends on Q31 8

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $Q31_8 = 1$ then $SSNE_5 = 1$;

else if Q31 8 = 2 then SSNE 5 = 2;

SSNE_6

Numerator: Respondents who answered A to Q33 and A or C to all of Q34 1-Q34 5

Denominator: Respondents who answered A to Q33 and A or C to all of Q34 1-Q34 5, or B to

any of Q34 1-Q34 5

Summary text: Percentage of schools that allow students to have access to drinking water

Variable label: SSNE6 (2.3.10) access to drinking water Dependence: Depends on Q33 and Q34_1-Q34_5
Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q34 1 in (1,3) and Q34 2 in (1, 3) and Q34 3 in (1,3) and Q34 4 in (1,3) and

Q34 5 in (1,3) and Q33 in (1,3) then SSNE 6 = 1;

else if Q34_1 = 2 or Q34_2 = 2 or Q34_3 = 2 or Q34_4 = 2 or Q34_5 = 2 or Q33

= 3 then SSNE 6 = 2;

SSNE 7

Numerator: Respondents who answered E to Q28
Denominator: Respondents who answered A-E to Q28

Summary text: Percentage of schools that offer fruits or non-fried vegetables when foods or

beverages are offered at school celebrations

Variable label: SSNE7 (2.3.11) offer fruits at celebrations

Dependence: Depends on Q28

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q28 = 5 then SSNE 7 = 1;

else if Q28 in (1,2,3,4) then SSNE 7 = 2;

SSNE 8 Numerator: Respondents who answered A to Q30 16 and Q30 17 Respondents who answered A to O30 16 and O30 17 or B to O30 16 or O30 17 or Denominator: Q29 Summary text: Percentage of schools that allow students to purchase fruits and vegetables from vending machines or at the school store, canteen, or snack bar Variable label: SSNE8 (2.3.12) fruits in vending machines Depends on Q29, Q30 16, and Q30 17 Dependence: All Schools=37 and By Grade Level=10 Threshold: SAS code: if Q30 16 = 1 and Q30 17 = 1 then SSNE 8 = 1; else if Q30 16 = 2 or Q30 17 = 2 or Q29=2 then SSNE 8 = 2; CSPAP 1 Respondents who answered A to Q7 6, Q18-Q20, Q21 1, Q22 1, and A or C to Numerator: 015 1-015 7 Respondents who answered A to Q7 6, Q18-Q20, Q21 1, Q22 1, and A or C to Denominator: Q15 1-Q15 7, or B to Q7 6, Q18-Q20, Q21 1, Q22 1, Q15 1-Q15 7, or Q6 Summary text: Percentage of schools that have established, implemented, or evaluated CSPAP Variable label: CSPAP1 (2.6.03) implemented CSPAP Dependence: Depends on Q6, Q7 6, Q18-Q20, Q21 1, Q22 1, and Q15 1-Q15 7 Threshold: All Schools=37 and By Grade Level=10 SAS code: if Q15 1 in (1,3) and Q15 2 in (1,3) and Q15 3 in (1,3) and Q15 4 in (1,3) and Q15 5 in (1,3) and Q15 6 in (1,3) and Q15 7 in (1,3) and Q7 6 = 1 and Q18 = 1 and Q18 = 1 and Q19 = 1 and Q20 = 1 and Q21 1 = 1 and Q22 1 = 1 then CSPAP 1else if Q15 1 = 2 or Q15 2 = 2 or Q15 3 = 2 or Q15 4 = 2 or Q15 5 = 2 or Q15 6 = 2 or Q15 7 = 2 or Q7 6 = 2 or Q18 = 2 or Q18 = 2 or Q19 = 2 or Q20 $=2 \text{ or } Q21 \quad 1=2 \text{ or } Q22 \quad 1=2 \text{ or } Q6=2 \text{ then CSPAP } 1=2;$ SWCC 1 Numerator: Respondents who answered A to any of Q41 1-Q41 6 Respondents who answered A to any of Q41 1-Q41 6 or B to all of Q41 1-Q41 6 Denominator: Percentage of schools that identify and track students with chronic conditions that Summary text: may require daily or emergency management (e.g., asthma, food allergies) SWCC1 (4.5.02) identify/track chronic conditions Variable label: Depends on Q41 1-Q41 6 Dependence: Threshold: All Schools=55 and By Grade Level=19 if Q41 1 = 1 or Q41 2 = 1 or Q41 3 = 1 or Q41 4 = 1 or Q41 5 = 1 or Q41 6 = 1 SAS code: then SWCC 1 = 1; else if Q41 1 = 2 and Q41 2 = 2 and Q41 3 = 2 and Q41 4 = 2 and Q41 5 = 2and Q41 6 = 2 then SWCC 1 = 2;

SWCC 2

Numerator: Respondents who answered A to Q40
Denominator: Respondents who answered A or B to Q40

Summary text: Percentage of schools that have protocols that ensure students with a chronic

condition that may require daily or emergency management are enrolled into private,

state, or federally funded insurance programs if eligible

Variable label: SWCC2 (4.5.05) chronic students insurance programs

Dependence: Depends on Q40

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q40 = 1 then SWCC 2 = 1;

else if Q40 = 2 then SWCC 2 = 2;

SWCC 3

Numerator: Respondents who answered A to any of Q42 1-Q42 6

Denominator: Respondents who answered A to any of Q42_1-Q42_6 or B to all of Q42_1-Q42_6

Summary text: Percentage of schools that provide referrals to community-based medical care

providers for students identified with chronic conditions or at risk for activity, diet,

and weight-related chronic conditions

Variable label: SWCC3 (4.5.08) referrals to providers

Dependence: Depends on Q42_1-Q42_6

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q42 1 = 1 or Q42 2 = 1 or Q42 3 = 1 or Q42 4 = 1 or Q42 5 = 1 or Q42 6 = 1

then SWCC 3 = 1;

else if Q42 1 = 2 and Q42 2 = 2 and Q42 3 = 2 and Q42 4 = 2 and Q42 5 = 2

and Q42 6 = 2 then SWCC 3 = 2;

Q26N Respondents who answered A to all of Q24 1, Q24 2, Q24 3, Q24 4, Q25 1, Numerator: O25 2, O26 1, O26 2, O26 3, and O26 4 Respondents who answered B to one of Q24 1, Q24 2, Q24 3, Q24 4, Q25 1, Denominator: Q25 2, Q26 1, Q26 2, Q26 3, Q26 4, or A to all of Q24 1, Q24 2, Q24 3, Q24 4, Q25 1, Q25 2, Q26 1, Q26 2, Q26 3, and Q26 4, or B to Q23 Percentage of schools that follow a policy that mandates a "tobacco-free Summary text: environment." A "tobacco-free environment" is one that prohibits tobacco use by students, staff, and visitors in school buildings, at school functions, in school vehicles, on school grounds, and at off-site school events, applicable 24 hours a day and seven days a week Tobacco-free school environment Variable label: Depends on Q24 (a, b, c, and d), Q25 (a and b), Q26 (a, b, c, and d) and Q23 Dependence: All Schools=37 and By Grade Level=10 Threshold: SAS code: if Q24 1 1=1 and Q24 1 2=1 and Q24 1 3=1 and Q24 2 1=1 and Q24 2 2=1 and Q24 2 3=1 and Q24 3 1=1 and Q24 3 2=1 and Q24 3 3=1 and Q24 4 1=1 and Q24 4 2=1 and Q24 4 3=1 and Q25 1 1=1 and Q25 1 2=1 and Q25 1 3=1 and Q25 2 1=1 and Q25 2 2=1 and Q25 2 3=1 and Q26 1 1=1 and Q26 1 2=1 and Q26 1 3=1 and Q26 2 1=1 and Q26 2 2=1 and Q26 2 3=1 and Q26 3 1=1 and Q26 3 2=1 and Q26 3 3=1 and Q26 4 1=1 and Q26 4 2=1 and Q26 4 3=1 then O26N = 1: else if Q24 1 1=2 or Q24 1 2=2 or Q24 1 3=2 or Q24 2 1=2 or Q24 2 2=2 or Q24 2 3=2 or Q24 3 1=2 or Q24 3 2=2 or Q24 3 3=2 or Q24 4 1=2 or Q24 4 2=2 or Q24 4 3=2 or Q25 1 1=2 or Q25 1 2=2 or Q25 1 3=2 or Q25 2 1=2 or Q25 2 2=2 or Q25 2 3=2 or Q26 1 1=2 or Q26 1 2=2 or Q26 1 3=2 or Q26 2 1=2 or Q26 2 2=2 or Q26 2 3=2 or Q26 3 1=2 or Q26 3 2=2 or Q26 3 3=2 or Q26 4 1=2 or Q26 4 2=2 or Q26 4 3=2 then Q26N = 2; if Q23 = 2 then Q26N = 2; **Q28N** Respondents who answered E to Q28 and A to either of Q30 17 or Q30 18 Numerator: Respondents who answered E to Q28 and A to either of Q30 17 or Q30 18 or B to Denominator: Q29 or A, B, C, D for Q28 or B to both Q30 17 and Q30 18 Percentage of schools that always offer fruits or non-fried vegetables in vending Summary text: machines, school stores, and during celebrations when foods and beverages are offered Variable label: Offer fruits/veg during celebrations Dependence: Depends on Q28, Q29, Q30 17, Q30 18 Threshold: All Schools=37 and By Grade Level=10 if Q28 = 5 and $(Q30 \ 17 = 1 \text{ or } Q30 \ 18 = 1)$ then Q28N=1; SAS code: else if Q39 = 2 or Q28 in (1,2,3,4) or $(Q30\ 17 = 2$ and $Q30\ 18 = 2)$ then Q28N=2;

Q33N

Numerator: Respondents who answered A or B to Q33
Denominator: Respondents who answered A, B, or C to Q33

Summary text: Percentage of schools that permit students to have a drinking water bottle with them

in either all locations or certain locations during the school day

Variable label: Water bottle permitted Dependence: Depends on Q33

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q33 in (1,2) then Q33N=1;

else if Q33=3 then Q33N=2;

3. Lead Health Education Teacher Standard Variables

Each standard question can be analyzed as a dichotomous variable. The dichotomous variables present the percentage of lead health education teachers answering the predetermined response of interest (ROI). Teachers answering the ROI are in the numerator. The denominator is either all teachers or a subset of teachers who have indicated in the current questionnaire that the school meets a certain criterion. Teachers must have provided valid data to be included in any dichotomous variable calculations. Teachers with missing responses or who had their answers cleaned during consistency editing are not included. The dichotomous variable results are presented in the tables and bar charts in each site's report.

The following table provides the question and response options for each survey variable and the derivation of its dichotomous variable. The numerator and the denominator of the dichotomous variable are defined below the survey variable. The summary text appearing in the title of the tables for each dichotomous variable is also listed. The threshold for reporting frequencies and percentages is provided. The thresholds for reporting depend on whether the survey used a census or a sample of schools, whether the result is reported by grade level category or for all schools, and whether there is a skip pattern that involves the question being processed. When the denominator frequency of the dichotomous variable is less than the threshold, data are suppressed for reporting. The thresholds in the following table pertain to a sample of schools. For a census, there is no threshold for reporting results for all schools; the threshold is 10 for reporting results by grade level category.

Q1. How many required health education courses do students take in grades 6 through 12 in your school? (Mark one response.)

A. 0 courses → Skip to Question 4

B. 1 courseC. 2 coursesD. 3 courses

E. 4 or more courses

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q1

Denominator: Respondents who answered A, B, C, D, or E for Q1

Summary text: Percentage of schools in which students take ROI required health education courses

in grades 6 through 12. For example, 0 courses. Percentage of schools in which

students take 0 required health education course in grades 6 through 12.

Variable label: Number required health education courses grades 6-12

Threshold: All Schools=55 and By Grade Level=19

Q2_1. Is a required health education course taught in grade 6 in your school?

A. Yes B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 1

Denominator: Respondents who answered A or B for Q2 1 or respondents who answered A for

Q1. Respondents who answered C for Q2 1 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 6*

Footnote: *Among schools with students in that grade

Variable label: Health education required in grade 6
Threshold: All Schools=37 and By Grade Level=10

Q2_2. Is a required health education course taught in grade 7 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 2

Denominator: Respondents who answered A or B for Q2 2 or respondents who answered A for

Q1. Respondents who answered C for Q2 2 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 7*

Footnote: *Among schools with students in that grade

Variable label: Health education required in grade 7
Threshold: All Schools=37 and By Grade Level=10

Q2 3. Is a required health education course taught in grade 8 in your school? A. Yes В. No C. Grade not taught in your school Respondents who answered A for Q2 3 Numerator: Denominator: Respondents who answered A or B for Q2 3 or respondents who answered A for Q1. Respondents who answered C for Q2 3 are excluded. Percentage of schools that taught a required health education course in grade 8* Summary text: Footnote: *Among schools with students in that grade Variable label: Health education required in grade 8 All Schools=37 and By Grade Level=10 Threshold:

- Q2 4. Is a required health education course taught in grade 9 in your school?
 - A. Yes B. No
 - C. Grade not taught in your school

Numerator: Respondents who answered A for Q2_4

Denominator: Respondents who answered A or B for Q2_4 or respondents who answered A for

Q1. Respondents who answered C for Q2 4 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 9*

Footnote: *Among schools with students in that grade Variable label: Health education required in grade 9

Variable label: Health education required in grade 9
Threshold: All Schools=37 and By Grade Level=10

- Q2_5. Is a required health education course taught in grade 10 in your school?
 - A. Yes
 - B. No
 - C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 5

Denominator: Respondents who answered A or B for Q2_5 or respondents who answered A for

Q1. Respondents who answered C for Q2 5 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 10*

Footnote: *Among schools with students in that grade Variable label: Health education required in grade 10
Threshold: All Schools=37 and By Grade Level=10

Q2 6. Is a required health education course taught in grade 11 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 6

Denominator: Respondents who answered A or B for Q2 6 or respondents who answered A for

Q1. Respondents who answered C for Q2 6 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 11*

Footnote: *Among schools with students in that grade Variable label: Health education required in grade 11

Threshold: Health education required in grade 11
All Schools=37 and By Grade Level=10

Q2_7. Is a required health education course taught in grade 12 in your school?

A. Yes

B. No

C. Grade not taught in your school

Numerator: Respondents who answered A for Q2 7

Denominator: Respondents who answered A or B for Q2_7 or respondents who answered A for

Q1. Respondents who answered C for Q2 7 are excluded.

Summary text: Percentage of schools that taught a required health education course in grade 12*

Footnote: *Among schools with students in that grade Variable label: Health education required in grade 12

Threshold: All Schools=37 and By Grade Level=10

Q3. If students fail a required health education course, are they required to repeat it?

A. Yes B. No

Numerator: Respondents who answered A for Q3
Denominator: Respondents who answered A or B for Q3

Summary text: Percentage of schools that require students who fail a required health education

course to repeat it*

Footnote: *Among schools in which students take one or more required health education

courses in any of grades 6 through 12

Variable label: Failed health education course required to repeat

Q4_1. Are those who teach health education at your school provided with goals, objectives, and expected outcomes for health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q4_1 Denominator: Respondents who answered A or B for Q4_1

Summary text: Percentage of schools in which those who teach health education are provided with

goals, objectives, and expected outcomes for health education*

Footnote: *Among schools that teach health education. Respondents who answered C for

Q4 1 are excluded.

Variable label: Provide goals for health education
Threshold: All Schools=55 and By Grade Level=19

Q4_2. Are those who teach health education at your school provided with a chart describing the annual scope and sequence of instruction for health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q4_2 Denominator: Respondents who answered A or B for Q4_2

Summary text: Percentage of schools in which those who teach health education are provided with

a chart describing the annual scope and sequence of instruction for health

education*

Footnote: *Among schools that teach health education. Respondents who answered C for

Q4 2 are excluded.

Variable label: Provide chart for health education
Threshold: All Schools=55 and By Grade Level=19

Q4_3. Are those who teach health education at your school provided with plans for how to assess student performance in health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q4_3
Denominator: Respondents who answered A or B for Q4_3

Summary text: Percentage of schools in which those who teach health education are provided with

plans for how to assess student performance in health education*

Footnote: *Among schools that teach health education. Respondents who answered C for

Q4 3 are excluded.

Variable label: Provide plans for assessing student performance in health education

Q4 4. Are those who teach health education at your school provided with a written health education curriculum? Yes A. B. No C. NA Numerator: Respondents who answered A for Q4 4 Respondents who answered A or B for Q4 4 Denominator: Percentage of schools in which those who teach health education are provided with Summary text: a written health education curriculum* Footnote: *Among schools that teach health education. Respondents who answered C for O4 4 are excluded. Provide written health education curriculum Variable label: Threshold: All Schools=55 and By Grade Level=19 O5 1. Does your health education curriculum address comprehending concepts related to health promotion and disease prevention to enhance health? Yes A. B. No C. NA Numerator: Respondents who answered A for Q5 1 Respondents who answered A, B, or C for Q5 1 Denominator: Percentage of schools in which the health education curriculum addresses Summary text: comprehending concepts related to health promotion and disease prevention to enhance health Variable label: HE addresses comprehending concepts Threshold: All Schools=55 and By Grade Level=19 Q5 2. Does your health education curriculum address analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors? Yes A. В. No C. NA Numerator: Respondents who answered A for Q5 2 Respondents who answered A, B, or C for Q5 2 Denominator: Percentage of schools in which the health education curriculum addresses analyzing Summary text: the influence of family, peers, culture, media, technology, and other factors on health behaviors

HE addresses analyzing the influence of family and other factors on health

Variable label:

Threshold:

behaviors

All Schools=55 and By Grade Level=19

Q5 3. Does your health education curriculum address accessing valid information and products and services to enhance health? Yes A. B. No C. NA Numerator: Respondents who answered A for Q5 3 Respondents who answered A, B, or C for Q5 3 Denominator: Percentage of schools in which the health education curriculum addresses accessing Summary text: valid information and products and services to enhance health Variable label: HE addresses accessing valid information to enhance health All Schools=55 and By Grade Level=19 Threshold: Q5 4. Does your health education curriculum address using interpersonal communication skills to enhance health and avoid or reduce health risks? Yes A. B. No C. NA Numerator: Respondents who answered A for Q5 4 Respondents who answered A, B, or C for Q5 4 Denominator: Percentage of schools in which the health education curriculum addresses using Summary text: interpersonal communication skills to enhance health and avoid or reduce health risks Variable label: HE addresses interpersonal communication skills to enhance health All Schools=55 and By Grade Level=19 Threshold: Q5 5. Does your health education curriculum address using decision-making skills to enhance health? Yes A. B. No C. NA Numerator: Respondents who answered A for Q5 5 Respondents who answered A, B, or \overline{C} for Q5 5 Denominator: Percentage of schools in which the health education curriculum addresses using Summary text: decision-making skills to enhance health Variable label: HE addresses decision-making skills to enhance health All Schools=55 and By Grade Level=19 Threshold: Q5 6. Does your health education curriculum address using goal-setting skills to enhance health? A. Yes В. No C. NA Numerator: Respondents who answered A for Q5 6 Denominator: Respondents who answered A, B, or C for Q5 6 Percentage of schools in which the health education curriculum addresses using Summary text: goal-setting skills to enhance health Variable label: HE addresses goal-setting skills to enhance health

All Schools=55 and By Grade Level=19

Threshold:

Does your health education curriculum address practicing health-enhancing behaviors to avoid or reduce risks? Yes A. B. No C. NA Numerator: Respondents who answered A for Q5 7 Respondents who answered A, B, or C for Q5 7 Denominator: Percentage of schools in which the health education curriculum addresses practicing Summary text: health-enhancing behaviors to avoid or reduce risks Variable label: HE addresses health-enhancing behaviors All Schools=55 and By Grade Level=19 Threshold: Q5 8. Does your health education curriculum address advocating for personal, family, and community health? Yes A. В. No C. NA Numerator: Respondents who answered A for Q5 8 Respondents who answered A, B, or C for Q5 8 Denominator: Percentage of schools in which the health education curriculum addresses Summary text: advocating for personal, family, and community health Variable label: HE addresses advocating for health All Schools=55 and By Grade Level=19 Threshold: Q6 1. Are those who teach sexual health education at your school provided with goals, objectives, and expected outcomes for sexual health education? Yes A. B. No C. NA Numerator: Respondents who answered A for Q6 1 Respondents who answered A or B for Q6 1. Respondents who answered C for Denominator: O6 1 are excluded. Percentage of schools in which those who teach sexual health education are Summary text: provided with goals, objectives, and expected outcomes for sexual health education*

*Among schools that teach sexual health education

All Schools=55 and By Grade Level=19

Sex ed materials – goals, objectives, expected outcomes

Footnote:

Variable label: Threshold:

Q6_2. Are those who teach sexual health education at your school provided with a written health education curriculum that includes objectives and content addressing sexual health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q6 2

Denominator: Respondents who answered A or B for Q6 2. Respondents who answered C for

Q6 2 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with a written health education curriculum that includes objectives and

content addressing sexual health education*

Footnote: *Among schools that teach sexual health education Variable label: Sex ed materials – written health education curriculum

Threshold: All Schools=55 and By Grade Level=19

Q6_3. Are those who teach sexual health education at your school provided with a chart describing the annual scope and sequence of instruction for sexual health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q6 3

Denominator: Respondents who answered A or B for Q6 3. Respondents who answered C for

Q6 3 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with a chart describing the annual scope and sequence of instruction for

sexual health education*

Footnote: *Among schools that teach sexual health education

Variable label: Sex ed materials –annual scope and sequence of instruction chart

Threshold: All Schools=55 and By Grade Level=19

Q6_4. Are those who teach sexual health education at your school provided with strategies that are age-appropriate, relevant, and actively engage students in learning?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q6 4

Denominator: Respondents who answered A or B for Q6_4. Respondents who answered C for

Q6 4 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with strategies that are age-appropriate, relevant, and actively engage

students in learning*

Footnote: *Among schools that teach sexual health education Variable label: Sex ed materials –engage students in learning strategies

Q6_5. Are those who teach sexual health education at your school provided with methods to assess student knowledge and skills related to sexual health education?

A. Yes B. No C. NA

Numerator: Respondents who answered A for Q6 5

Denominator: Respondents who answered A or B for Q6 5. Respondents who answered C for

Q6 5 are excluded.

Summary text: Percentage of schools in which those who teach sexual health education are

provided with methods to assess student knowledge and skills related to sexual

health education*

Footnote: *Among schools that teach sexual health education

Variable label: Sex ed materials –assess student knowledge and skills methods

Threshold: All Schools=55 and By Grade Level=19

Q7. Does your school provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay, bisexual, transgender, and questioning youth (e.g., curricula or materials that use inclusive language or terminology)?

A. Yes B. No

Numerator: Respondents who answered A for Q7
Denominator: Respondents who answered A or B for Q7

Summary text: Percentage of schools that provide curricula or supplementary materials that include

HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay,

bisexual, transgender, and questioning youth

Variable label: Curricula for gay youth

Threshold: All Schools=55 and By Grade Level=19

Q8. Is health education instruction required for students in any of grades 6 through 12 in your school?

A. Yes B. No

Numerator: Respondents who answered A for Q8
Denominator: Respondents who answered A or B for Q8

Summary text: Percentage of schools in which health education instruction is required for students

in any of grades 6 through 12

Variable label: HE required for any of grades 6-12
Threshold: All Schools=55 and By Grade Level=19

Q9_1. During this school year, have teachers in your school tried to increase student knowledge on alcohol- or other drug-use prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_1
Denominator: Respondents who answered A or B for Q9_1

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

alcohol- or other drug-use prevention in a required course in any of grades 6 through

12

Variable label: Taught alcohol/other drug-use prevention Threshold: All Schools=55 and By Grade Level=19

Q9_2. During this school year, have teachers in your school tried to increase student knowledge on asthma in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_2 Denominator: Respondents who answered A or B for Q9_2

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

asthma in a required course in any of grades 6 through 12

Variable label: Taught asthma

Threshold: All Schools=55 and By Grade Level=19

Q9_3. During this school year, have teachers in your school tried to increase student knowledge on chronic disease prevention (e.g., diabetes, obesity prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_3
Denominator: Respondents who answered A or B for Q9_3

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

chronic disease prevention in a required course in any of grades 6 through 12

Variable label: Taught chronic disease prevention

Threshold: All Schools=55 and By Grade Level=19

Q9_4. During this school year, have teachers in your school tried to increase student knowledge on emotional and mental health in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_4
Denominator: Respondents who answered A or B for Q9_4

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

emotional and mental health in a required course in any of grades 6 through 12

Variable label: Taught emotional and mental health
Threshold: All Schools=55 and By Grade Level=19

Q9_5. During this school year, have teachers in your school tried to increase student knowledge on epilepsy or seizure disorder in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_5
Denominator: Respondents who answered A or B for Q9_5

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

epilepsy or seizure disorder in a required course in any of grades 6 through 12

Variable label: Taught epilepsy or seizure disorder
Threshold: All Schools=55 and By Grade Level=19

Q9_6. During this school year, have teachers in your school tried to increase student knowledge on food allergies in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_6
Denominator: Respondents who answered A or B for Q9_6

Summary text: Percentage of schools in which teachers tried to increase student knowledge on food

allergies in a required course in any of grades 6 through 12

Variable label: Taught food allergies

Threshold: All Schools=55 and By Grade Level=19

Q9_7. During this school year, have teachers in your school tried to increase student knowledge on foodborne illness prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_7
Denominator: Respondents who answered A or B for Q9_7

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

foodborne illness prevention in a required course in any of grades 6 through 12

Variable label: Taught foodborne illness prevention
Threshold: All Schools=55 and By Grade Level=19

Q9_8. During this school year, have teachers in your school tried to increase student knowledge on human immunodeficiency virus (HIV) prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_8
Denominator: Respondents who answered A or B for Q9_8

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

human immunodeficiency virus (HIV) prevention in a required course in any of

grades 6 through 12

Variable label: Taught HIV prevention

Q9_9. During this school year, have teachers in your school tried to increase student knowledge on human sexuality in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_9
Denominator: Respondents who answered A or B for Q9_9

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

human sexuality in a required course in any of grades 6 through 12

Variable label: Taught human sexuality

Threshold: All Schools=55 and By Grade Level=19

Q9_10. During this school year, have teachers in your school tried to increase student knowledge on infectious disease prevention (e.g., influenza [flu] prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_10
Denominator: Respondents who answered A or B for Q9_10

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

infectious disease prevention (e.g., influenza [flu] prevention) in a required course

in any of grades 6 through 12

Variable label: Taught infectious disease prevention
Threshold: All Schools=55 and By Grade Level=19

Q9_11. During this school year, have teachers in your school tried to increase student knowledge on injury prevention and safety in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_11
Denominator: Respondents who answered A or B for Q9_11

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

injury prevention and safety in a required course in any of grades 6 through 12

Variable label: Taught injury prevention and safety
Threshold: All Schools=55 and By Grade Level=19

Q9_12. During this school year, have teachers in your school tried to increase student knowledge on nutrition and dietary behavior in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_12 Denominator: Respondents who answered A or B for Q9_12

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

nutrition and dietary behavior in a required course in any of grades 6 through 12

Variable label: Taught nutrition and dietary behavior
Threshold: All Schools=55 and By Grade Level=19

Q9_13. During this school year, have teachers in your school tried to increase student knowledge on physical activity and fitness in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_13
Denominator: Respondents who answered A or B for Q9_13

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

physical activity and fitness in a required course in any of grades 6 through 12

Variable label: Taught physical activity and fitness
Threshold: All Schools=55 and By Grade Level=19

Q9_14. During this school year, have teachers in your school tried to increase student knowledge on pregnancy prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_14
Denominator: Respondents who answered A or B for Q9_14

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

pregnancy prevention in a required course in any of grades 6 through 12

Variable label: Taught pregnancy prevention

Threshold: All Schools=55 and By Grade Level=19

Q9_15. During this school year, have teachers in your school tried to increase student knowledge on sexually transmitted disease (STD) prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_15
Denominator: Respondents who answered A or B for Q9_15

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

sexually transmitted disease (STD) prevention in a required course in any of grades

6 through 12

Variable label: Taught STD prevention

Threshold: All Schools=55 and By Grade Level=19

Q9_16. During this school year, have teachers in your school tried to increase student knowledge on suicide prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_16
Denominator: Respondents who answered A or B for Q9_16

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

suicide prevention in a required course in any of grades 6 through 12

Variable label: Taught suicide prevention

Threshold: All Schools=55 and By Grade Level=19

Q9_17. During this school year, have teachers in your school tried to increase student knowledge on tobacco-use prevention in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_17
Denominator: Respondents who answered A or B for Q9_17

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

tobacco-use prevention in a required course in any of grades 6 through 12

Variable label: Taught tobacco-use prevention

Threshold: All Schools=55 and By Grade Level=19

Q9_18. During this school year, have teachers in your school tried to increase student knowledge on violence prevention (e.g., bullying, fighting, or dating violence prevention) in a required course in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q9_18
Denominator: Respondents who answered A or B for Q9_18

Summary text: Percentage of schools in which teachers tried to increase student knowledge on

violence prevention (e.g., bullying, fighting, or dating violence prevention) in a

required course in any of grades 6 through 12

Variable label: Taught violence prevention

Threshold: All Schools=55 and By Grade Level=19

Q10_1. During this school year, did teachers in your school teach identifying tobacco products and the harmful substances they contain in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_1
Denominator: Respondents who answered A or B for Q10_1

Summary text: Percentage of schools in which teachers taught identifying tobacco products and the

harmful substances they contain in a required course for students in any of grades 6

through 12

Variable label: Taught tobacco products and harmful substances

Threshold: All Schools=55 and By Grade Level=19

Q10_2. During this school year, did teachers in your school teach identifying short- and long-term health consequences of tobacco use in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_2 Denominator: Respondents who answered A or B for Q10_2

Summary text: Percentage of schools in which teachers taught identifying short- and long-term

health consequences of tobacco use in a required course for students in any of

grades 6 through 12

Variable label: Taught health consequences of tobacco use Threshold: All Schools=55 and By Grade Level=19

Q10_3. During this school year, did teachers in your school teach identifying social, economic, and cosmetic consequences of tobacco use in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_3
Denominator: Respondents who answered A or B for Q10_3

Summary text: Percentage of schools in which teachers taught identifying social, economic, and

cosmetic consequences of tobacco use in a required course for students in any of

grades 6 through 12

Variable label: Taught consequences of tobacco use
Threshold: All Schools=55 and By Grade Level=19

Q10_4. During this school year, did teachers in your school teach understanding the addictive nature of nicotine in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_4
Denominator: Respondents who answered A or B for Q10_4

Summary text: Percentage of schools in which teachers taught understanding the addictive nature of

nicotine in a required course for students in any of grades 6 through 12

Variable label: Taught addictive nature of nicotine
Threshold: All Schools=55 and By Grade Level=19

Q10_5. During this school year, did teachers in your school teach effects of nicotine on the adolescent brain in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_5
Denominator: Respondents who answered A or B for Q10_5

Summary text: Percentage of schools in which teachers taught effects of nicotine on the adolescent

brain in a required course for students in any of grades 6 through 12

Variable label: Taught effects of nicotine on adolescent brain Threshold: All Schools=55 and By Grade Level=19

Q10_6. During this school year, did teachers in your school teach effects of tobacco use on athletic performance in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_6
Denominator: Respondents who answered A or B for Q10_6

Summary text: Percentage of schools in which teachers taught effects of tobacco use on athletic

performance in a required course for students in any of grades 6 through 12

Variable label: Taught effects of tobacco use on athletic performance

Threshold: All Schools=55 and By Grade Level=19

Q10_7. During this school year, did teachers in your school teach effects of second-hand smoke and benefits of a smoke-free environment in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_7
Denominator: Respondents who answered A or B for Q10_7

Summary text: Percentage of schools in which teachers taught effects of second-hand smoke and

benefits of a smoke-free environment in a required course for students in any of

grades 6 through 12

Variable label: Taught effects of second-hand smoke
Threshold: All Schools=55 and By Grade Level=19

Q10_8. During this school year, did teachers in your school teach understanding the social influences on tobacco use, including media, family, peers, and culture in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_8
Denominator: Respondents who answered A or B for Q10_8

Summary text: Percentage of schools in which teachers taught understanding the social influences

on tobacco use, including media, family, peers, and culture in a required course for

students in any of grades 6 through 12

Variable label: Taught social influences on tobacco use Threshold: All Schools=55 and By Grade Level=19

Q10_9. During this school year, did teachers in your school teach identifying reasons why students do and do not use tobacco in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_9
Denominator: Respondents who answered A or B for Q10_9

Summary text: Percentage of schools in which teachers taught identifying reasons why students do

and do not use tobacco in a required course for students in any of grades 6 through

12

Variable label: Taught tobacco use reasons

Threshold: All Schools=55 and By Grade Level=19

Q10_10. During this school year, did teachers in your school teach making accurate assessments of how many peers use tobacco in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_10
Denominator: Respondents who answered A or B for Q10_10

Summary text: Percentage of schools in which teachers taught making accurate assessments of how

many peers use tobacco in a required course for students in any of grades 6 through

12

Variable label: Taught assessments of number of peers use tobacco

Threshold: All Schools=55 and By Grade Level=19

Q10_11. During this school year, did teachers in your school teach using interpersonal communication skills to avoid tobacco use (e.g., refusal skills, assertiveness) in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_11
Denominator: Respondents who answered A or B for Q10_11

Summary text: Percentage of schools in which teachers taught using interpersonal communication

skills to avoid tobacco use (e.g., refusal skills, assertiveness) in a required course for

students in any of grades 6 through 12

Variable label: Taught interpersonal communication skills to avoid tobacco use

Threshold: All Schools=55 and By Grade Level=19

Q10_12. During this school year, did teachers in your school teach using goal-setting and decision-making skills related to not using tobacco in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_12
Denominator: Respondents who answered A or B for Q10_12

Summary text: Percentage of schools in which in which teachers taught using goal-setting and

decision-making skills related to not using tobacco in a required course for students

in any of grades 6 through 12

Variable label: Taught goal-setting skills to avoid tobacco use Threshold: All Schools=55 and By Grade Level=19

Q10_13. During this school year, did teachers in your school teach finding valid information and services related to tobacco-use prevention and cessation in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_13
Denominator: Respondents who answered A or B for Q10_13

Summary text: Percentage of schools in which teachers taught finding valid information and

services related to tobacco-use prevention and cessation in a required course for

students in any of grades 6 through 12

Variable label: Taught information on tobacco-use prevention and cessation

Threshold: All Schools=55 and By Grade Level=19

Q10_14. During this school year, did teachers in your school teach supporting others who abstain from or want to quit using tobacco in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_14
Denominator: Respondents who answered A or B for Q10_14

Summary text: Percentage of schools in which teachers taught supporting others who abstain from

or want to quit using tobacco in a required course for students in any of grades 6

through 12

Variable label: Taught supporting others who want to quit using tobacco

Threshold: All Schools=55 and By Grade Level=19

Q10_15. During this school year, did teachers in your school teach identifying harmful effects of tobacco use on fetal development in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_15
Denominator: Respondents who answered A or B for Q10_15

Summary text: Percentage of schools in which in which teachers taught identifying harmful effects

of tobacco use on fetal development in a required course for students in any of

grades 6 through 12

Variable label: Taught harmful effects of tobacco use on fetal development

Threshold: All Schools=55 and By Grade Level=19

Q10_16. During this school year, did teachers in your school teach relationship between using tobacco and alcohol or other drugs in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_16
Denominator: Respondents who answered A or B for Q10_16

Summary text: Percentage of schools in which in which teachers taught relationship between using

tobacco and alcohol or other drugs in a required course for students in any of grades

6 through 12

Variable label: Taught relationship between tobacco and alcohol or other drug use

Threshold: All Schools=55 and By Grade Level=19

Q10_17. During this school year, did teachers in your school teach how addiction to tobacco use can be treated in a required course for students in any of grades 6 through 12?

A. Yes B. No

Numerator: Respondents who answered A for Q10_17
Denominator: Respondents who answered A or B for Q10_17

Summary text: Percentage of schools in which in which teachers taught how addiction to tobacco

use can be treated in a required course for students in any of grades 6 through 12

Variable label: Taught treatment of tobacco addiction
Threshold: All Schools=55 and By Grade Level=19

Q10 18. During this school year, did teachers in your school teach understanding school policies and community laws related to the sale and use of tobacco products a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q10 18 Respondents who answered A or B for Q10 18 Denominator: Percentage of schools in which in which teachers taught understanding school Summary text: policies and community laws related to the sale and use of tobacco products in a required course for students in any of grades 6 through 12 Variable label: Taught policies and laws for tobacco sale All Schools=55 and By Grade Level=19 Threshold: Q10 19. During this school year, did teachers in your school teach benefits of tobacco cessation programs in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q10 19 Respondents who answered A or B for Q10 19 Denominator: Percentage of schools in which in which teachers taught benefits of tobacco Summary text: cessation programs in a required course for students in any of grades 6 through 12 Variable label: Taught benefits of tobacco cessation programs All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach how HIV and other STDs are Q11 1 1. transmitted in a required course for students in grades 6, 7, or 8? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 1 1 Respondents who answered A or B for Q11 1 1. Respondents who answered C for Denominator: O11 1 1 are excluded. Percentage of schools in which teachers taught how HIV and other STDs are Summary text: transmitted in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught HIV and STD transmission All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach health consequences of HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 1 2 Denominator: Respondents who answered A or B for Q11 1 2. Respondents who answered C for Q11 1 2 are excluded. Percentage of schools in which teachers taught health consequences of HIV, other Summary text: STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 MS taught HIV/STD health consequences Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach the benefits of being sexually Q11 1 3. abstinent in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 1 3 Denominator: Respondents who answered A or B for Q11 1 3. Respondents who answered C for Q11 1 3 are excluded. Summary text: Percentage of schools in which teachers taught the benefits of being sexually abstinent in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught sex abstinence benefits Threshold: All Schools=55 and By Grade Level=19 Q11 1 4. During this school year, did teachers in your school teach how to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Numerator: Respondents who answered A for Q11 1 4 Respondents who answered A or B for Q11 1 4. Respondents who answered C for Denominator: Q11 1 4 are excluded. Percentage of schools in which teachers taught how to access valid and reliable Summary text: health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 MS taught accessing HIV/STD information Variable label: All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach the influences of family, peers, Q11 1 5. media, technology and other factors on sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Respondents who answered A for Q11 1 5 Numerator: Denominator: Respondents who answered A or B for Q11 1 5. Respondents who answered C for O11 1 5 are excluded. Percentage of schools in which teachers taught the influences of family, peers, Summary text: media, technology and other factors on sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught family influences on sexual risk behaviors All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach communication and negotiation Q11 1 6. skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 1 6 Respondents who answered A or B for Q11 1 6. Respondents who answered C for Denominator: Q11 1 6 are excluded. Percentage of schools in which teachers taught communication and negotiation Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 MS taught communication skills for HIV/STD risk reduction Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach goal-setting and decision-making Q11 1 7. skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? Α. Yes В. No C. NA Respondents who answered A for Q11 1 7 Numerator: Respondents who answered A or B for Q11 1 7. Respondents who answered C for Denominator: Q11 1 7 are excluded. Percentage of schools in which teachers taught goal-setting and decision-making Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 MS taught goal-setting skills for HIV/STD risk reduction Variable label:

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach influencing and supporting others to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 1 8 Respondents who answered A or B for Q11 1 8. Respondents who answered C for Denominator: Q11 1 8 are excluded. Percentage of schools in which teachers taught influencing and supporting others to Summary text: avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught influencing others to avoid sexual risk behaviors All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach efficacy of condoms, that is, how Q11 1 9. well condoms work and do not work in a required course for students in grades 6, 7, or 8? Α. Yes В. No C. NA Numerator: Respondents who answered A for Q11 1 9 Respondents who answered A or B for Q11 1 9. Respondents who answered C for Denominator: O11 1 9 are excluded. Percentage of schools in which teachers taught efficacy of condoms, that is, how Summary text: well condoms work and do not work in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught efficacy of condoms All Schools=55 and By Grade Level=19 Threshold: Q11 1 10. During this school year, did teachers in your school teach the importance of using condoms consistently and correctly in a required course for students in grades 6, 7, or 8? Yes A. B. No C. NA Respondents who answered A for Q11 1 10 Numerator: Respondents who answered A or B for Q11 1 10. Respondents who answered C Denominator: for Q11 1 10 are excluded. Summary text: Percentage of schools in which teachers taught the importance of using condoms consistently and correctly in a required course for students in any of grades 6, 7, or 8 MS taught importance of condoms Variable label:

All Schools=55 and By Grade Level=19

	11_1_11. During this school year, did teachers in your school teach how to obtain condoms in a required course for students in grades 6, 7, or 8?	
-	A. Yes B. No C. NA	
Numerator: Denominator	Respondents who answered A for Q11_1_11 Respondents who answered A or B for Q11_1_11. Respondents who answered C for Q11_1_1 are excluded.	
Summary tex Variable labe	t: Percentage of schools in which teachers taught how to obtain condoms in a required course for students in any of grades 6, 7, or 8	
Threshold: Q11_1_12.	All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how to correctly use a condom in a required course for students in grades 6, 7, or 8?	
	A. Yes B. No C. NA	
Numerator: Denominator	Respondents who answered A for Q11_1_12 Respondents who answered A or B for Q11_1_12. Respondents who answered C for Q11_1_12 are excluded.	
Summary tex	t: Percentage of schools in which teachers taught how to correctly use a condom in a required course for students in any of grades 6, 7, or 8	
	All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach methods of contraception other	
	chan condoms in a required course for students in grades 6, 7, or 8? A. Yes	
-	B. No C. NA	
Numerator: Denominator	Respondents who answered A for Q11_1_13 Respondents who answered A or B for Q11_1_13. Respondents who answered C for Q11_1_13 are excluded.	
Summary tex	Percentage of schools in which teachers taught methods of contraception other than condoms in a required course for students in any of grades 6, 7, or 8	
Variable labe Threshold:	l: MS taught other contraception methods All Schools=55 and By Grade Level=19	

Q11 1 14. During this school year, did teachers in your school teach the importance of using a condom at the same time as another form of contraception to prevent both sexually transmitted diseases (STDs) and pregnancy in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Respondents who answered A for Q11 1 14 Numerator: Denominator: Respondents who answered A or B for Q11 1 14. Respondents who answered C for Q11 1 14 are excluded. Percentage of schools in which teachers taught the importance of using a condom at Summary text: the same time as another form of contraception to prevent both sexually transmitted diseases (STDs) and pregnancy in a required course for students in any of grades 6, Variable label: MS taught importance of using condom and another contraception All Schools=55 and By Grade Level=19 Threshold: Q11 1 15. During this school year, did teachers in your school teach how to create and sustain healthy and respectful relationships in a required course for students in grades 6, 7, or 8? Yes A. В. No \mathbf{C} NA Numerator: Respondents who answered A for Q11 1 15 Respondents who answered A or B for Q11 1 15. Respondents who answered C Denominator: for Q11 1 15 are excluded. Summary text: Percentage of schools in which teachers taught how to create and sustain healthy and respectful relationships in a required course for students in any of grades 6, 7, or Variable label: MS taught healthy relationships All Schools=55 and By Grade Level=19 Threshold: Q11 1 16. During this school year, did teachers in your school teach the importance of limiting the number of sexual partners in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Respondents who answered A for Q11 1 16 Numerator: Respondents who answered A or B for Q11 1 16. Respondents who answered C Denominator: for Q11 1 16 are excluded. Percentage of schools in which teachers taught the importance of limiting the Summary text: number of sexual partners in a required course for students in any of grades 6, 7, or Variable label: MS taught limiting sex partners

All Schools=55 and By Grade Level=19

Q11 1 17. During this school year, did teachers in your school teach preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 1 17 Respondents who answered A or B for Q11 1 17. Respondents who answered C Denominator: for Q11 1 17 are excluded. Percentage of schools in which teachers taught preventive care (such as screenings Summary text: and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught preventive care Threshold: All Schools=55 and By Grade Level=19 Q11 1 18. During this school year, did teachers in your school teach sexual orientation in a required course for students in grades 6, 7, or 8? Yes Α. В. No C. NA Numerator: Respondents who answered A for Q11 1 18 Respondents who answered A or B for Q11 1 18. Respondents who answered C Denominator: for O11 1 18 are excluded. Percentage of schools in which teachers taught sexual orientation in a required Summary text: course for students in any of grades 6, 7, or 8 Variable label: MS taught sexual orientation Threshold: All Schools=55 and By Grade Level=19 Q11 1 19. During this school year, did teachers in your school teach gender roles, gender identity, or gender expression in a required course for students in grades 6, 7, or 8? A. Yes No B. C. NA Numerator: Respondents who answered A for Q11 1 19 Respondents who answered A or B for Q11 1 19. Respondents who answered C Denominator: for Q11 1 19 are excluded. Percentage of schools in which teachers taught gender roles, gender identity, or Summary text: gender expression in a required course for students in any of grades 6, 7, or 8 MS taught gender roles Variable label:

All Schools=55 and By Grade Level=19

Q11 1 20. During this school year, did teachers in your school teach the relationship between alcohol and other drug use and sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 1 20 Respondents who answered A or B for Q11 1 20. Respondents who answered C Denominator: for Q11 1 20 are excluded. Percentage of schools in which teachers taught the relationship between alcohol and Summary text: other drug use and sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS taught relationship between alcohol and other drug use and sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach how HIV and other STDs are Q11 2 1. transmitted in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 1 Respondents who answered A or B for Q11 2 1. Respondents who answered C for Denominator: Q11 2 1 are excluded. Percentage of schools in which teachers taught how HIV and other STDs are Summary text: transmitted in a required course for students in any of grades 9, 10, 11, or 12 HS taught HIV and STD transmission Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach health consequences of HIV, Q11 2 2. other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 2 2 Respondents who answered A or B for Q11 2 2. Respondents who answered C for Denominator: Q11 2 2 are excluded. Summary text: Percentage of schools in which teachers taught health consequences of HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or Variable label: HS taught HIV/STD health consequences All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach the benefits of being sexually Q11 2 3. abstinent in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 3 Denominator: Respondents who answered A or B for Q11 2 3. Respondents who answered C for O11 2 3 are excluded. Percentage of schools in which teachers taught the benefits of being sexually Summary text: abstinent in a required course for students in any of grades 9, 10, 11, or 12 HS taught sex abstinence benefits Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach how to access valid and reliable Q11 2 4. health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 4 Respondents who answered A or B for Q11 2 4. Respondents who answered C for Denominator: Q11 2 4 are excluded. Percentage of schools in which teachers taught how to access valid and reliable Summary text: health information, products, and services related to HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught accessing HIV/STD information All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach the influences of family, peers, O11 2 5. media, technology and other factors on sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Respondents who answered A for Q11 2 5 Numerator: Respondents who answered A or B for Q11 2 5. Respondents who answered C for Denominator: Q11 2 5 are excluded. Percentage of schools in which teachers taught the influences of family, peers, Summary text: media, technology and other factors on sexual risk behaviors in a required course for students in any of 9, 10, 11, or 12 Variable label: HS taught family influences on sexual risk behaviors

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach communication and negotiation Q11 2 6. skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? Α. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 6 Respondents who answered A or B for Q11 2 6. Respondents who answered C for Denominator: O11 2 6 are excluded. Percentage of schools in which teachers taught communication and negotiation Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught communication skills for HIV/STD risk reduction All Schools=55 and By Grade Level=19 Threshold: Q11 2 7. During this school year, did teachers in your school teach goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 7 Denominator: Respondents who answered A or B for Q11 2 7. Respondents who answered C for Q11 2 7 are excluded. Percentage of schools in which teachers taught goal-setting and decision-making Summary text: skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught goal-setting skills for HIV/STD risk reduction All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach influencing and supporting others Q11 2 8. to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. В. No C. NA Respondents who answered A for Q11 2 8 Numerator: Respondents who answered A or B for Q11 2 8. Respondents who answered C for Denominator: Q11 2 8 are excluded. Percentage of schools in which teachers taught influencing and supporting others to Summary text: avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught influencing others to avoid sexual risk behaviors

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach efficacy of condoms, that is, how Q11 2 9. well condoms work and do not work in a required course for students in grades 9, 10, 11, or 12? A. Yes No В. C. NA Numerator: Respondents who answered A for Q11 2 9 Respondents who answered A or B for Q11 2 9. Respondents who answered C for Denominator: Q11 2 9 are excluded. Percentage of schools in which teachers taught efficacy of condoms, that is, how Summary text: well condoms work and do not work in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught efficacy of condoms Threshold: All Schools=55 and By Grade Level=19 Q11 2 10. During this school year, did teachers in your school teach the importance of using condoms consistently and correctly in a required course for students in grades 9, 10, 11, or 12? Α. Yes В. No C. NA Numerator: Respondents who answered A for Q11 2 10 Respondents who answered A or B for Q11 2 10. Respondents who answered C Denominator: for O11 2 10 are excluded. Percentage of schools in which teachers taught the importance of using condoms Summary text: consistently and correctly in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught importance of condoms All Schools=55 and By Grade Level=19 Threshold: Q11 2 11. During this school year, did teachers in your school teach how to obtain condoms in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Respondents who answered A for Q11 2 11 Numerator: Respondents who answered A or B for Q11 2 11. Respondents who answered C Denominator: for Q11 2 11 are excluded. Percentage of schools in which teachers taught how to obtain condoms in a required Summary text: course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught how to obtain condoms Threshold: All Schools=55 and By Grade Level=19

Q11_2_12. During this school year, did teachers in your school teach how to correctly use a condom in a required course for students in grades 9, 10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 12

Denominator: Respondents who answered A or B for Q11 2 12. Respondents who answered C

for Q11_2_12 are excluded.

Summary text: Percentage of schools in which teachers taught how to correctly use a condom in a

required course for students in any of grades 9, 10, 11, or 12

Variable label: HS taught correct use of condom

Threshold: All Schools=55 and By Grade Level=19

Q11_2_13. During this school year, did teachers in your school teach methods of contraception other than condoms in a required course for students in grades 9, 10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 13

Denominator: Respondents who answered A or B for Q11 2 13. Respondents who answered C

for Q11 2 13 are excluded.

Summary text: Percentage of schools in which teachers taught methods of contraception other than

condoms in a required course for students in any of grades 9, 10, 11, or 12

Variable label: HS taught other contraception methods Threshold: All Schools=55 and By Grade Level=19

Q11_2_14. During this school year, did teachers in your school teach the importance of using a condom at the same time as another form of contraception to prevent both sexually transmitted diseases (STDs) and pregnancy in a required course for students in grades 9,

10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 14

Denominator: Respondents who answered A or B for Q11 2 14. Respondents who answered C

for Q11 2 14 are excluded.

Summary text: Percentage of schools in which teachers taught the importance of using a condom at

the same time as another form of contraception to prevent both sexually transmitted diseases (STDs) and pregnancy in a required course for students in any of grades 9,

10. 11. or 12

Variable label: HS taught importance of using condom and another contraception

Threshold: All Schools=55 and By Grade Level=19

Q11_2_15. During this school year, did teachers in your school teach how to create and sustain healthy and respectful relationships in a required course for students in grades 9, 10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 15

Denominator: Respondents who answered A or B for Q11 2 15. Respondents who answered C

for Q11 2 15 are excluded.

Summary text: Percentage of schools in which teachers taught how to create and sustain healthy

and respectful relationships in a required course for students in any of grades 9, 10,

11, or 12

Variable label: HS taught healthy relationships

Threshold: All Schools=55 and By Grade Level=19

Q11_2_16. During this school year, did teachers in your school teach the importance of limiting the number of sexual partners in a required course for students in grades 9, 10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 16

Denominator: Respondents who answered A or B for Q11 2 16. Respondents who answered C

for Q11 2 16 are excluded.

Summary text: Percentage of schools in which teachers taught the importance of limiting the

number of sexual partners in a required course for students in any of grades 9, 10,

11, or 12

Variable label: HS taught limiting sex partners

Threshold: All Schools=55 and By Grade Level=19

Q11_2_17. During this school year, did teachers in your school teach preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health in a required course for students in grades 9, 10, 11, or 12?

A. Yes

B. No

C. NA

Numerator: Respondents who answered A for Q11 2 17

Denominator: Respondents who answered A or B for Q11 2 17. Respondents who answered C

for Q11 2 17 are excluded.

Summary text: Percentage of schools in which teachers taught preventive care (such as screenings

and immunizations) that is necessary to maintain reproductive and sexual health a

required course for students in any of grades 9, 10, 11, or 12

Variable label: HS taught preventive care

Threshold: All Schools=55 and By Grade Level=19

Q11 2 18. During this school year, did teachers in your school teach sexual orientation in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No C. NA Numerator: Respondents who answered A for Q11 2 18 Denominator: Respondents who answered A or B for Q11 2 18. Respondents who answered C for Q11 2 18 are excluded. Percentage of schools in which teachers taught sexual orientation in a required Summary text: course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught sexual orientation All Schools=55 and By Grade Level=19 Threshold: Q11 2 19. During this school year, did teachers in your school teach gender roles, gender identity, or gender expression in a required course for students in grades 9, 10, 11, or 12? A. Yes B. No C. NA Numerator: Respondents who answered A for Q11 2 19 Respondents who answered A or B for Q11 2 19. Respondents who answered C Denominator: for Q11 2 19 are excluded. Percentage of schools in which teachers taught gender roles, gender identity, or Summary text: gender expression in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS taught gender roles Threshold: All Schools=55 and By Grade Level=19 Q11 2 20. During this school year, did teachers in your school teach the relationship between alcohol and other drug use and sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. В. No NA Respondents who answered A for Q11 2 20 Numerator: Respondents who answered A or B for Q11 2 20. Respondents who answered C Denominator: for Q11 2 20 are excluded. Percentage of schools in which teachers taught the relationship between alcohol and Summary text: other drug use and sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12

HS taught the relationship between alcohol and other drug use and sexual risk

Variable label:

Threshold:

behaviors

All Schools=55 and By Grade Level=19

O12 1 1. During this school year, did teachers in your school assess the ability of students to comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 1 Respondents who answered A or B for Q12 1 1. Respondents who answered C for Denominator: Q12 1 1 are excluded. Percentage of schools in which teachers assessed the ability of students to Summary text: comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 6, 7, or 8 Variable label: MS assessed student comprehension All Schools=55 and By Grade Level=19 Threshold: Q12 1 2. During this school year, did teachers in your school assess the ability of students to analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 2 Denominator: Respondents who answered A or B for Q12 1 2. Respondents who answered C for Q12 1 2 are excluded. Percentage of schools in which teachers assessed the ability of students to analyze Summary text: the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS assessed student ability to analyze family influence on sexual risk behaviors Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to access Q12 1 3. valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Respondents who answered A for Q12 1 3 Numerator: Respondents who answered A or B for Q12 1 3. Respondents who answered C for Denominator: Q12 1 3 are excluded. Percentage of schools in which teachers assessed the ability of students to access Summary text: valid information, products, and services to prevent HIV, other STDs. and pregnancy in a required course for students in any of grades 6, 7, or 8 MS assessed student ability to access HIV/STD information Variable label:

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to use Q12 1 4. interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 4 Respondents who answered A or B for Q12 1 4. Respondents who answered C for Denominator: Q12 1 4 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS assessed student interpersonal communication skills All Schools=55 and By Grade Level=19 Threshold: Q12 1 5. During this school year, did teachers in your school assess the ability of students to use decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 5 Denominator: Respondents who answered A or B for Q12 1 5. Respondents who answered C for Q12 1 5 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: decision-making skills to prevent HIV, other STDs, Variable label: MS assessed student decision-making skills for HIV/STD prevention Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to set Q12 1 6. personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in grades 6, 7, or 8? Yes A. В. No C. NA Respondents who answered A for Q12 1 6 Numerator: Respondents who answered A or B for Q12 1 6. Respondents who answered C for Denominator: Q12 1 6 are excluded. Percentage of schools in which teachers assessed the ability of students to set Summary text: personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in any of grades 6, 7, Variable label: MS assessed student goal-setting ability

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to Q12 1 7. influence and support others to avoid or reduce sexual risk behaviors in a required course for students in grades 6, 7, or 8? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 1 7 Respondents who answered A or B for Q12 1 7. Respondents who answered C for Denominator: O12 1 7 are excluded. Percentage of schools in which teachers assessed the ability of students to influence Summary text: and support others to avoid or reduce sexual risk behaviors in a required course for students in any of grades 6, 7, or 8 Variable label: MS assessed student influence on sexual risk behaviors All Schools=55 and By Grade Level=19 Threshold: Q12 2 1. During this school year, did teachers in your school assess the ability of students to comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 1 Denominator: Respondents who answered A or B for Q12 2 1. Respondents who answered C for Q12 2 1 are excluded. Percentage of schools in which teachers assessed the ability of students to Summary text: comprehend concepts important to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 HS assessed student comprehension Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to analyze Q12 2 2. the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. В. No C. NA Respondents who answered A for Q12 2 2 Numerator: Respondents who answered A or B for Q12 2 2. Respondents who answered C for Denominator: Q12 2 2 are excluded. Percentage of schools in which teachers assessed the ability of students to analyze Summary text: the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or Variable label: HS assessed student ability to analyze family influence on sexual risk behaviors

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to access Q12 2 3. valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? Α. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 3 Denominator: Respondents who answered A or B for Q12 2 3. Respondents who answered C for O12 2 3 are excluded. Percentage of schools in which teachers assessed the ability of students to access Summary text: valid information, products, and services to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS assessed student ability to access HIV/STD information All Schools=55 and By Grade Level=19 Threshold: Q12 2 4. During this school year, did teachers in your school assess the ability of students to use interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 4 Respondents who answered A or B for Q12 2 4. Respondents who answered C for Denominator: Q12 2 4 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: interpersonal communication skills to avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS assessed student interpersonal communication skills Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school assess the ability of students to use Q12 2 5. decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Respondents who answered A for Q12 2 5 Numerator: Respondents who answered A or B for Q12 2 5. Respondents who answered C for Denominator: Q12 2 5 are excluded. Percentage of schools in which teachers assessed the ability of students to use Summary text: decision-making skills to prevent HIV, other STDs, and pregnancy in a required course for students in any of grades 9, 10, 11, or 12 HS assessed student decision-making skills for HIV/STD prevention Variable label:

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school assess the ability of students to set Q12 2 6. personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in grades 9, 10, 11, or 12? A. Yes В. No C. NA Numerator: Respondents who answered A for Q12 2 6 Respondents who answered A or B for Q12 2 6. Respondents who answered C for Denominator: Q12 2 6 are excluded. Percentage of schools in which teachers assessed the ability of students to set Summary text: personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them in a required course for students in any of grades 9, 10, 11, or 12 Variable label: HS assessed student goal-setting ability All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school assess the ability of students to Q12 2 7. influence and support others to avoid or reduce sexual risk behaviors in a required course for students in grades 9, 10, 11, or 12? Yes A. B. No \mathbf{C} NA Numerator: Respondents who answered A for O12 2 7 Respondents who answered A or B for Q12 2 7. Respondents who answered C for Denominator: Q12 2 7 are excluded. Summary text: Percentage of schools in which teachers assessed the ability of students to influence and support others to avoid or reduce sexual risk behaviors in a required course for students in any of grades 9, 10, 11, or 12 HS assessed student influence on sexual risk behaviors Variable label: All Schools=55 and By Grade Level=19 Threshold: Q13. During this school year, did teachers in your provide students with the opportunity to practice communication, decision-making, goal-setting, or refusal skills related to sexual health, for example through role-playing? Yes A. В. No Respondents who answered A for Q13 Numerator: Respondents who answered A or B for Q13 Denominator: Percentage of schools in which teachers provided students with the opportunity to Summary text: practice communication, decision-making, goal-setting, or refusal skills related to sexual health during the current school year. Students can practice skills Variable label:

All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach the benefits of healthy eating in a Q14 1. required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 1 Denominator: Respondents who answered A or B for Q14 1 Percentage of schools in which teachers taught the benefits of healthy eating in a Summary text: required course for students in any of grades 6 through 12 Variable label: Taught benefits of healthy eating Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the benefits of drinking plenty of Q14 2. water in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 2 Respondents who answered A or B for Q14 2 Denominator: Summary text: Percentage of schools in which teachers taught benefits of drinking plenty of water in a required course for students in any of grades 6 through 12 Taught benefits of drinking plenty of water Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the benefits of eating breakfast Q14 3. every day in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q14 3 Denominator: Respondents who answered A or B for Q14 3 Percentage of schools in which teachers taught benefits of eating breakfast every Summary text: day in a required course for students in any of grades 6 through 12 Taught benefits of eating breakfast every day Variable label: All Schools=55 and By Grade Level=19 Threshold: Q14 4. During this school year, did teachers in your school teach food guidance using the current Dietary Guidelines for Americans (e.g., MyPlate) in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 4 Respondents who answered A or B for Q14 4 Denominator: Percentage of schools in which teachers taught food guidance using the current Summary text: Dietary Guidelines for Americans (e.g., MyPlate) in a required course for students in any of grades 6 through 12 Taught food guidance using current Dietary Guidelines for Americans Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach using food labels in a required Q14 5. course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 5 Denominator: Respondents who answered A or B for Q14 5 Percentage of schools in which teachers taught using food labels in a required Summary text: course for students in any of grades 6 through 12 Variable label: Taught using food labels Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach differentiating between nutritious Q14 6. and non-nutritious beverages in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q14 6 Denominator: Respondents who answered A or B for Q14 6 Percentage of schools in which teachers taught differentiating between nutritious Summary text: and non-nutritious beverages in a required course for students in any of grades 6 through 12 Variable label: Taught differentiating nutritious/non-nutritious beverages All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach balancing food intake and Q14 7. physical activity in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 7 Denominator: Respondents who answered A or B for Q14 7 Percentage of schools in which teachers taught balancing food intake and physical Summary text: activity in a required course for students in any of grades 6 through 12 Variable label: Taught balancing food intake and physical activity All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach eating more fruits, vegetables, Q14 8. and whole grain products in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 8 Respondents who answered A or B for Q14 8 Denominator: Summary text: Percentage of schools in which teachers taught eating more fruits, vegetables, and whole grain products in a required course for students in any of grades 6 through 12 Taught eating more fruits, vegetables, whole grain products Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach choosing foods and snacks that Q14 9. are low in solid fat (i.e., saturated and trans fat) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q14 9 Respondents who answered A or B for Q14 9 Denominator: Percentage of schools in which teachers taught choosing foods and snacks that are Summary text: low in solid fat (i.e., saturated and trans fat) in a required course for students in any of grades 6 through 12 Taught choosing low solid fat foods Variable label: All Schools=55 and By Grade Level=19 Threshold: Q14 10. During this school year, did teachers in your school teach choosing foods, snacks, and beverages that are low in added sugars in a required course for students in any of grades 6 through 12? Yes A. No В. Numerator: Respondents who answered A for Q14 10 Respondents who answered A or B for Q14 10 Denominator: Summary text: Percentage of schools in which teachers taught choosing foods, snacks, and beverages that are low in added sugar in a required course for students in any of grades 6 through 12 Variable label: Taught choosing low added sugar foods Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach choosing foods and snacks that Q14 11. are low in sodium in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q14 11 Denominator: Respondents who answered A or B for Q14 11 Summary text: Percentage of schools in which teachers taught choosing foods and snacks that are low in sodium in a required course for students in any of grades 6 through 12 Variable label: Taught choosing low sodium foods All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach eating a variety of foods that are Q14 12. high in calcium in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 12 Denominator: Respondents who answered A or B for Q14 12 Percentage of schools in which teachers taught eating a variety of foods that are Summary text: high in calcium in a required course for students in any of grades 6 through 12 Variable label: Taught eating high calcium foods Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach eating a variety of foods that are Q14 13. high in iron in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 13 Respondents who answered A or B for Q14 13 Denominator: Percentage of schools in which teachers taught eating a variety of foods that are Summary text: high in iron in a required course for students in any of grades 6 through 12 Taught eating high iron foods Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach about food safety in a required Q14 14. course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q14 14 Denominator: Respondents who answered A or B for Q14 14 Percentage of schools in which teachers taught about food safety in a required Summary text: course for students in any of grades 6 through 12 Taught food safety Variable label: Threshold: All Schools=55 and By Grade Level=19 Q14 15. During this school year, did teachers in your school teach preparing healthy meals and snacks in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 15 Respondents who answered A or B for Q14 15 Denominator: Percentage of schools in which teachers taught preparing healthy meals and snacks Summary text: in a required course for students in any of grades 6 through 12 Variable label: Taught preparing healthy meals Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach about the risks of unhealthy Q14 16. weight control practices in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 16 Denominator: Respondents who answered A or B for Q14 16 Percentage of schools in which teachers taught about the risks of unhealthy weight Summary text: control practices in a required course for students in any of grades 6 through 12 Variable label: Taught unhealthy weight control practice risks All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach accepting body size differences Q14 17. in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q14 17 Respondents who answered A or B for Q14 17 Denominator: Summary text: Percentage of schools in which teachers taught accepting body size differences in a required course for students in any of grades 6 through 12 Taught accepting body size differences Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach about signs, symptoms, and Q14 18. treatment for eating disorders in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 18 Respondents who answered A or B for Q14 18 Denominator: Percentage of schools in which teachers taught about signs, symptoms, and Summary text: treatment for eating disorders in a required course for students in any of grades 6 Variable label: Taught eating disorder signs, symptoms, treatment All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach relationship between diet and Q14 19. chronic diseases in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 19 Respondents who answered A or B for Q14 19 Denominator: Summary text: Percentage of schools in which teachers taught relationship between diet and chronic diseases in a required course for students in any of grades 6 through 12 Taught diet and chronic disease relationship Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach assessing body mass index (BMI) Q14 20. in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q14 20 Denominator: Respondents who answered A or B for Q14 20 Percentage of schools in which teachers taught assessing body mass index (BMI) in Summary text: a required course for students in any of grades 6 through 12 Variable label: Taught body mass index (BMI) Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach the influence of the media on Q14 21. dietary behaviors in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q14 21 Respondents who answered A or B for Q14 21 Denominator: Summary text: Percentage of schools in which teachers taught the influence of the media on dietary behaviors in a required course for students in any of grades 6 through 12 Taught the influence of the media on dietary behaviors Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach food production, including how Q14 22. food is grown, harvested, processed, packaged, and transported in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q14 22 Respondents who answered A or B for Q14 22 Denominator: Summary text: Percentage of schools in which teachers taught food production, including how food is grown, harvested, processed, packaged, and transported in a required course for students in any of grades 6 through 12 Variable label: Taught food production Threshold: All Schools=55 and By Grade Level=19

Q15 1. During this school year, did teachers in your school teach short-term and long-term benefits of physical activity, including reducing the risks for chronic disease in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 1 Respondents who answered A or B for Q15 1 Denominator: Percentage of schools in which teachers taught short-term and long-term benefits of Summary text: physical activity, including reducing the risks for chronic disease in a required course for students in any of grades 6 through 12 Taught physical activity benefits Variable label: All Schools=55 and By Grade Level=19 Threshold: Q15 2. During this school year, did teachers in your school teach mental and social benefits of physical activity in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 2 Respondents who answered A or B for Q15 2 Denominator: Percentage of schools in which teachers taught mental and social benefits of Summary text: physical activity in a required course for students in any of grades 6 through 12 Variable label: Taught mental and social benefits of physical activity All Schools=55 and By Grade Level=19 Threshold: Q15 3. During this school year, did teachers in your school teach health-related fitness (i.e., cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition) in a required course for students in any of grades 6 through 12? A. Yes No В. Numerator: Respondents who answered A for Q15 3 Denominator: Respondents who answered A or B for Q15 3 Percentage of schools in which teachers taught health-related fitness (i.e., Summary text: cardiorespiratory endurance, muscular endurance, muscular strength, flexibility, and body composition) in a required course for students in any of grades 6 through 12 Variable label: Taught health-related fitness All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach phases of a workout (i.e., warm-Q15 4. up, workout, cool down) in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 4 Denominator: Respondents who answered A or B for Q15 4 Percentage of schools in which teachers taught phases of a workout (i.e., warm-up, Summary text: workout, cool down) in a required course for students in any of grades 6 through 12 Variable label: Taught phases of a workout Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach recommended amounts and types Q15 5. of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q15 5 Denominator: Respondents who answered A or B for Q15 5 Percentage of schools in which teachers taught recommended amounts and types of Summary text: moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity in a required course for students in any of grades 6 through 12 Variable label: Taught muscle- and bone-strengthening physical activity All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach decreasing sedentary activities Q15 6. (e.g., television viewing, using video games) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 6 Denominator: Respondents who answered A or B for Q15 6 Percentage of schools in which teachers taught decreasing sedentary activities (e.g., Summary text: television viewing, using video games) in a required course for students in any of grades 6 through 12 Variable label: Taught decreasing sedentary activities All Schools=55 and By Grade Level=19 Threshold:

During this school year, did teachers in your school teach preventing injury during physical Q15 7. activity in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 7 Denominator: Respondents who answered A or B for Q15 7 Percentage of schools in which teachers taught preventing injury during physical Summary text: activity in a required course for students in any of grades 6 through 12 Variable label: Taught preventing injury during physical activity All Schools=55 and By Grade Level=19 Threshold: During this school year, did teachers in your school teach about weather-related safety Q15 8. (e.g., avoiding heat stroke, hypothermia, and sunburn while physically active) in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q15 8 Denominator: Respondents who answered A or B for Q15 8 Percentage of schools in which teachers taught about weather-related safety (e.g., Summary text: avoiding heat stroke, hypothermia, and sunburn while physically active) in a required course for students in any of grades 6 through 12 Variable label: Taught weather-related safety All Schools=55 and By Grade Level=19 Threshold: Q15 9. During this school year, did teachers in your school teach about the dangers of using performance-enhancing drugs (e.g., steroids) in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 9 Respondents who answered A or B for Q15 9 Denominator: Percentage of schools in which teachers taught about the dangers of using Summary text: performance-enhancing drugs (e.g., steroids) in a required course for students in any of grades 6 through 12 Variable label: Taught dangers of performance-enhancing drugs Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach increasing daily physical activity Q15 10. in a required course for students in any of grades 6 through 12? A. Yes B. No Numerator: Respondents who answered A for Q15 10 Denominator: Respondents who answered A or B for Q15 10 Percentage of schools in which teachers taught increasing daily physical activity in a Summary text: required course for students in any of grades 6 through 12 Variable label: Taught increasing daily physical activity Threshold: All Schools=55 and By Grade Level=19 During this school year, did teachers in your school teach incorporating physical activity Q15 11. into daily life (without relying on a structured exercise plan or special equipment) in a required course for students in any of grades 6 through 12? Yes A. В. No Numerator: Respondents who answered A for Q15 11 Denominator: Respondents who answered A or B for Q15 11 Percentage of schools in which teachers taught incorporating physical activity into Summary text: daily life (without relying on a structured exercise plan or special equipment) in a required course for students in any of grades 6 through 12 Variable label: Taught incorporating physical activity into daily life All Schools=55 and By Grade Level=19 Threshold: Q15 12. During this school year, did teachers in your school teach using safety equipment for specific physical activities in a required course for students in any of grades 6 through 12? Yes A. B. No Numerator: Respondents who answered A for Q15 12 Denominator: Respondents who answered A or B for Q15 12 Percentage of schools in which teachers taught using safety equipment for specific Summary text: physical activities in a required course for students in any of grades 6 through 12 Variable label: Taught using safety equipment Threshold: All Schools=55 and By Grade Level=19

During this school year, did teachers in your school teach the benefits of drinking water Q15 13. before, during, and after physical activity in a required course for students in any of grades 6 through 12? A. Yes В. No Numerator: Respondents who answered A for Q15 13 Denominator: Respondents who answered A or B for Q15 13 Percentage of schools in which teachers taught benefits of drinking water before, Summary text: during, and after physical activity in a required course for students in any of grades 6 through 12 Variable label: Taught drinking water benefits All Schools=55 and By Grade Level=19 Threshold: Q16 1. During this school year, have any health education staff worked with physical education staff on health education activities? A. Yes B. No C. NA Numerator: Respondents who answered A for Q16 1 Respondents who answered A or B for Q16 1. Respondents who answered C for Denominator: Q16 1 are excluded. Percentage of schools in which health education staff worked with physical Summary text: education staff on health education activities during the current school year* Footnote: *Among schools that have health education staff. Variable label: Staff worked with physical education staff Threshold: All Schools=55 and By Grade Level=19 During this school year, have any health education staff worked with health services staff Q16 2. (e.g., nurses) on health education activities? Yes A. В. No NA Numerator: Respondents who answered A for Q16 2 Respondents who answered A or B for Q16 2. Respondents who answered C for Denominator: O16 2 are excluded. Percentage of schools in which health education staff worked with health services Summary text: staff (e.g., nurses) on health education activities during the current school year* *Among schools that have health education staff. Footnote: Staff worked with health services staff Variable label:

All Schools=55 and By Grade Level=19

Threshold:

During this school year, have any health education staff worked with mental health or Q16 3. social services staff (e.g., psychologists, counselors, social workers) on health education activities? A. Yes В. No C. NA Numerator: Respondents who answered A for Q16 3 Respondents who answered A or B for Q16 3. Respondents who answered C for Denominator: O16 3 are excluded. Percentage of schools in which health education staff worked with mental health or Summary text: social services staff (e.g., psychologists, counselors, social workers) on health education activities during the current school year* Footnote: *Among schools that have health education staff. Variable label: Staff worked with mental health or social services staff Threshold: All Schools=55 and By Grade Level=19 During this school year, have any health education staff worked with nutrition or food Q16 4. service staff on health education activities? Α. Yes В. No C. NA Numerator: Respondents who answered A for Q16 4 Respondents who answered A or B for Q16 4. Respondents who answered C for Denominator: Q16 4 are excluded. Percentage of schools in which health education staff worked with nutrition or food Summary text: service staff on health education activities during the current school year* *Among schools that have health education staff. Footnote: Staff worked with nutrition or food service staff Variable label: Threshold: All Schools=55 and By Grade Level=19 During this school year, have any health education staff worked with school health council, Q16 5. committee, or team on health education activities? A. Yes B. No C. NA Numerator: Respondents who answered A for Q16 5 Respondents who answered A or B for Q16 5. Respondents who answered C for Denominator: Q16 5 are excluded. Percentage of schools in which health education staff worked with school health Summary text: council, committee, or team on health education activities during the current school Footnote: *Among schools that have health education staff. Variable label: Staff worked with school health council Threshold: All Schools=55 and By Grade Level=19

During this school year, did your school provide parents and families with health Q17 1. information designed to increase parent and family knowledge of HIV, other STD, or pregnancy prevention? A. Yes В. No Numerator: Respondents who answered A for Q17 1 Respondents who answered A or B for Q17 1 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of HIV, other STD, or pregnancy prevention during the current school year Variable label: Provide parents with HIV/other STD/pregnancy prevention information All Schools=55 and By Grade Level=19 Threshold: Q17 2. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of tobacco-use prevention? A. Yes B. No Numerator: Respondents who answered A for Q17 2 Respondents who answered A or B for Q17 2 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of tobacco-use prevention during the current school year Provide parents with tobacco-use prevention information Variable label: All Schools=55 and By Grade Level=19 Threshold: Q17 3. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of alcohol- or other drug-use prevention? Yes A. В. No Numerator: Respondents who answered A for Q17 3 Respondents who answered A or B for Q17 3 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of alcohol- or other drug-use prevention during the current school year Provide parents with alcohol- or other drug-use prevention information Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, did your school provide parents and families with health Q17 4. information designed to increase parent and family knowledge of physical activity? A. Yes B. No Numerator: Respondents who answered A for Q17 4 Denominator: Respondents who answered A or B for Q17 4 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of physical activity during the current school year Variable label: Provide parents with physical activity information All Schools=55 and By Grade Level=19 Threshold: Q17 5. During this school year, did your school provide parents and families with health information designed to increase parent and family knowledge of nutrition and healthy eating? A. Yes B. No Numerator: Respondents who answered A for Q17 5 Respondents who answered A or B for Q17 5 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of nutrition and healthy eating during the current school year Provide parents with nutrition and healthy eating information Variable label: All Schools=55 and By Grade Level=19 Threshold: During this school year, did your school provide parents and families with health Q17 6. information designed to increase parent and family knowledge of asthma? A. Yes В. No Numerator: Respondents who answered A for Q17 6 Respondents who answered A or B for Q17 6 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of asthma during the current school year Provide parents with asthma information Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, did your school provide parents and families with health Q17 7. information designed to increase parent and family knowledge of food allergies? A. Yes B. No Numerator: Respondents who answered A for Q17 7 Denominator: Respondents who answered A or B for Q17 7 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of food allergies during the current school year Variable label: Provide parents with food allergies information All Schools=55 and By Grade Level=19 Threshold: During this school year, did your school provide parents and families with health Q17 8. information designed to increase parent and family knowledge of diabetes? Yes A. В. No Numerator: Respondents who answered A for Q17 8 Denominator: Respondents who answered A or B for Q17 8 Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of diabetes during the current school year Variable label: Provide parents with diabetes information All Schools=55 and By Grade Level=19 Threshold: During this school year, did your school provide parents and families with health Q17 9. information designed to increase parent and family knowledge of preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying)? A. Yes No В. Numerator: Respondents who answered A for Q17 9 Respondents who answered A or B for Q17 9 Denominator: Percentage of schools that provided parents and families with health information Summary text: designed to increase parent and family knowledge of preventing student bullying and sexual harassment, including electronic aggression (i.e., cyber-bullying) during the current school year Provide parents with bullying and sexual harassment information Variable label: Threshold: All Schools=55 and By Grade Level=19

During this school year, have teachers in this school given students health education O18. homework assignments or activities to do at home with their parents?? A. Yes B. No Numerator: Respondents who answered A for Q18 Denominator: Respondents who answered A or B for Q18 Percentage of schools in which teachers have given students health education Summary text: homework assignments or activities to do at home with their parents during the current school year. Variable label: Homework to do with parents All Schools=55 and By Grade Level=19 Threshold: Q19 1. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on alcohol- or other druguse prevention? A. Yes B. No Numerator: Respondents who answered A for Q19 1 Respondents who answered A or B for Q19 1 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on alcohol- or other drug-use prevention during the past Variable label: Received professional development on alcohol- or other drug-use prevention Threshold: All Schools=55 and By Grade Level=19 O19 2. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on asthma? Yes A. В. No Numerator: Respondents who answered A for Q19 2 Respondents who answered A or B for Q19 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on asthma during the past two years Received professional development on asthma Variable label: Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q19 3. conferences, continuing education, any other kind of in-service) on chronic disease prevention (e.g., diabetes, obesity prevention)? A. Yes В. No Numerator: Respondents who answered A for Q19 3 Respondents who answered A or B for Q19 3 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on chronic disease prevention (e.g., diabetes, obesity prevention) during the past two years Received professional development on chronic disease prevention Variable label: Threshold: All Schools=55 and By Grade Level=19 O19 4. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on emotional and mental health? Yes Α. B. No Numerator: Respondents who answered A for Q19 4 Respondents who answered A or B for Q19 4 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on emotional and mental health during the past two years Variable label: Received professional development on emotional and mental health Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q19 5. conferences, continuing education, any other kind of in-service) on epilepsy or seizure disorder? A. Yes No В. Numerator: Respondents who answered A for Q19 5 Respondents who answered A or B for Q19 5 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on epilepsy or seizure disorder during the past two years Variable label: Received professional development on epilepsy or seizure disorder

All Schools=55 and By Grade Level=19

Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q19 6. conferences, continuing education, any other kind of in-service) on food allergies? A. Yes B. No Numerator: Respondents who answered A for Q19 6 Denominator: Respondents who answered A or B for Q19 6 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on food allergies during the past two years Variable label: Received professional development on food allergies All Schools=55 and By Grade Level=19 Threshold: Q19 7. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on foodborne illness prevention? A. Yes B. No Numerator: Respondents who answered A for Q19 7 Respondents who answered A or B for Q19 7 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on foodborne illness prevention during the past two years Received professional development on foodborne illness prevention Variable label: Threshold: All Schools=55 and By Grade Level=19 Q19 8. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on HIV prevention? A. Yes No В. Numerator: Respondents who answered A for Q19 8 Respondents who answered A or B for Q19 8 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on HIV prevention during the past two years Variable label: Received professional development on HIV prevention Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, O19 9. conferences, continuing education, any other kind of in-service) on human sexuality? A. Yes B. No Numerator: Respondents who answered A for Q19 9 Denominator: Respondents who answered A or B for Q19 9 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on human sexuality during the past two years Variable label: Received professional development on human sexuality All Schools=55 and By Grade Level=19 Threshold: Q19 10. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on infectious disease prevention (e.g., flu prevention)? A. Yes B. No Numerator: Respondents who answered A for Q19 10 Respondents who answered A or B for Q19 10 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on infectious disease prevention (e.g., flu prevention) during the past two years Variable label: Received professional development on infectious disease prevention Threshold: All Schools=55 and By Grade Level=19 O19 11. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on injury prevention and safety? Yes A. B. No Numerator: Respondents who answered A for Q19 11 Denominator: Respondents who answered A or B for Q19 11 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on injury prevention and safety during the past two years Received professional development on injury prevention and safety Variable label: All Schools=55 and By Grade Level=19 Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q19 12. conferences, continuing education, any other kind of in-service) on nutrition and dietary behavior? A. Yes В. No Numerator: Respondents who answered A for Q19 12 Respondents who answered A or B for Q19 12 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on nutrition and dietary behavior during the past two years Received professional development on nutrition and dietary behavior Variable label: All Schools=55 and By Grade Level=19 Threshold: Q19 13. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on physical activity and fitness? Yes A. No B. Numerator: Respondents who answered A for Q19 13 Respondents who answered A or B for Q19 13 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on physical activity and fitness during the past two years Variable label: Received professional development on physical activity and fitness Threshold: All Schools=55 and By Grade Level=19 O19 14. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on pregnancy prevention? Yes A. В. No Numerator: Respondents who answered A for Q19 14 Respondents who answered A or B for Q19 14 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on pregnancy prevention during the past two years Received professional development on pregnancy prevention Variable label: Threshold: All Schools=55 and By Grade Level=19

During the past two years, did you receive professional development (e.g., workshops, Q19 15. conferences, continuing education, any other kind of in-service) on STD prevention? A. Yes B. No Numerator: Respondents who answered A for Q19 15 Denominator: Respondents who answered A or B for Q19 15 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on STD prevention during the past two years Variable label: Received professional development on STD prevention All Schools=55 and By Grade Level=19 Threshold: Q19 16. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on suicide prevention? Yes A. В. No Numerator: Respondents who answered A for Q19 16 Denominator: Respondents who answered A or B for Q19 16 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on suicide prevention during the past two years Variable label: Received professional development on suicide prevention All Schools=55 and By Grade Level=19 Threshold: During the past two years, did you receive professional development (e.g., workshops, Q19 17. conferences, continuing education, any other kind of in-service) on tobacco-use prevention? A. Yes В. No Numerator: Respondents who answered A for Q19 17 Respondents who answered A or B for Q19 17 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on tobacco-use prevention during the past two years Variable label: Received professional development on tobacco-use prevention All Schools=55 and By Grade Level=19 Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q19 18. conferences, continuing education, any other kind of in-service) on violence prevention (e.g., bullying, fighting, dating violence prevention)? A. Yes В. No Numerator: Respondents who answered A for Q19 18 Respondents who answered A or B for Q19 18 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on violence prevention (e.g., bullying, fighting, dating violence prevention) during the past two years Received professional development on violence prevention Variable label: Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, O20 1. conferences, continuing education, any other kind of in-service) on teaching students with physical, medical, or cognitive disabilities? Yes Α. B. No Numerator: Respondents who answered A for Q20 1 Respondents who answered A or B for Q20 1 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students with physical, medical, or cognitive disabilities during the past two years Received professional development on teaching students with disabilities Variable label: All Schools=55 and By Grade Level=19 Threshold: During the past two years, did you receive professional development (e.g., workshops, O20 2. conferences, continuing education, any other kind of in-service) on teaching students of various cultural backgrounds? Yes A. B. No Numerator: Respondents who answered A for Q20 2 Respondents who answered A or B for Q20 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students of various cultural backgrounds during the past two years Received professional development on teaching students of various cultural Variable label: backgrounds

All Schools=55 and By Grade Level=19

Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q20 3. conferences, continuing education, any other kind of in-service) on teaching students with limited English proficiency? A. Yes В. No Numerator: Respondents who answered A for Q20 3 Respondents who answered A or B for Q20 3 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students with limited English proficiency during the past two years Received professional development on teaching students with limited English Variable label: proficiency Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q20 4. conferences, continuing education, any other kind of in-service) on teaching students of different sexual orientations or gender identities? A. Yes В. No Numerator: Respondents who answered A for Q20 4 Respondents who answered A or B for Q20 4 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching students of different sexual orientations or gender identities during the past two years Received professional development on teaching students of different sexual Variable label: orientations Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q20 5. conferences, continuing education, any other kind of in-service) on using interactive teaching methods (e.g., role plays, cooperative group activities)? A. Yes В. No Numerator: Respondents who answered A for Q20 5 Denominator: Respondents who answered A or B for Q20 5 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on using interactive teaching methods (e.g., role plays, cooperative group activities) during the past two years Received professional development on interactive teaching methods Variable label:

All Schools=55 and By Grade Level=19

Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q20 6. conferences, continuing education, any other kind of in-service) on encouraging family or community involvement? A. Yes В. No Numerator: Respondents who answered A for Q20 6 Respondents who answered A or B for Q20 6 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on encouraging family or community involvement during the past two years Received professional development on encouraging family or community Variable label: involvement Threshold: All Schools=55 and By Grade Level=19 Q20 7. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching skills for behavior change? A. Yes В. No Numerator: Respondents who answered A for Q20 7 Respondents who answered A or B for Q20 7 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on teaching skills for behavior change during the past two Variable label: Received professional development on teaching skills for behavior change Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, $Q20\overline{8}$. conferences, continuing education, any other kind of in-service) on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)? A. Yes В. No Numerator: Respondents who answered A for Q20 8 Denominator: Respondents who answered A or B for Q20 8 Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management) during the past two years

Received professional development on classroom management techniques

All Schools=55 and By Grade Level=19

Variable label: Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q20 9. conferences, continuing education, any other kind of in-service) on assessing or evaluating students in health education? A. Yes В. No Numerator: Respondents who answered A for Q20 9 Respondents who answered A or B for Q20 9 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing or evaluating students in health education during the past two years Received professional development on assessing students in health education Variable label: Threshold: All Schools=55 and By Grade Level=19 O21 1. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on aligning lessons and materials with the district scope and sequence for sexual health education? Yes Α. B. No Numerator: Respondents who answered A for Q21 1 Respondents who answered A or B for Q21 1 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on aligning lessons and materials with the district scope and sequence for sexual health education during the past two years Variable label: Received professional development on aligning lessons with district sexual health education All Schools=55 and By Grade Level=19 Threshold: During the past two years, did you receive professional development (e.g., workshops, Q21 2. conferences, continuing education, any other kind of in-service) on creating a comfortable and safe learning environment for students receiving sexual health education? A. Yes B. No Numerator: Respondents who answered A for Q21 2 Respondents who answered A or B for Q21 2 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on creating a comfortable and safe learning environment for students receiving sexual health education during the past two years Variable label: Received professional development on creating safe learning environment

All Schools=55 and By Grade Level=19

Threshold:

Q21 3. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on connecting students to on-site or community-based sexual health services? A. Yes В. No Numerator: Respondents who answered A for Q21 3 Respondents who answered A or B for Q21 3 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on connecting students to on-site or community-based sexual health services during the past two years Received professional development on connecting students to on-site sexual health Variable label: services Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 4. conferences, continuing education, any other kind of in-service) on using a variety of effective instructional strategies to deliver sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q21 4 Respondents who answered A or B for Q21 4 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on using a variety of effective instructional strategies to deliver sexual health education during the past two years Variable label: Received professional development on effective instructional strategies Threshold: All Schools=55 and By Grade Level=19 Q21 5. During the past two years, did you receive professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on building student skills in HIV, other STD, and pregnancy prevention? A. Yes B. No Numerator: Respondents who answered A for Q21 5 Respondents who answered A or B for Q21 5 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on building student skills in HIV, other STD, and pregnancy prevention during the past two years Received professional development on building student skills in HIV prevention

All Schools=55 and By Grade Level=19

Variable label:

Threshold:

During the past two years, did you receive professional development (e.g., workshops, Q21 6. conferences, continuing education, any other kind of in-service) on assessing student knowledge and skills in sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q21 6 Respondents who answered A or B for Q21 6 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on assessing student knowledge and skills in sexual health education during the past two years Received professional development on assessing student knowledge in sexual health Variable label: education Threshold: All Schools=55 and By Grade Level=19 During the past two years, did you receive professional development (e.g., workshops, Q21 7. conferences, continuing education, any other kind of in-service) on understanding current district or school board policies or curriculum guidance regarding sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q21 7 Respondents who answered A or B for Q21 7 Denominator: Percentage of schools in which the lead health education teacher received Summary text: professional development (e.g., workshops, conferences, continuing education, any other kind of in-service) on understanding current district or school board policies or curriculum guidance regarding sexual health education during the past two years Variable label: Received professional development on current sexual health education policies All Schools=55 and By Grade Level=19 Threshold: Q22 1. Would you like to receive professional development on alcohol- or other drug-use prevention? Yes A. B. No Numerator: Respondents who answered A for Q22 1 Respondents who answered A or B for Q22 1 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on alcohol- or other drug-use prevention Variable label: Like professional development on alcohol- or other drug-use prevention All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on asthma? Q22 2. Yes A. B. No Numerator: Respondents who answered A for Q22 2 Respondents who answered A or B for Q22 2 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on asthma Variable label: Like professional development on asthma Threshold: All Schools=55 and By Grade Level=19 Q22 3. Would you like to receive professional development on chronic disease prevention (e.g., diabetes, obesity prevention)? Yes A. B. No Numerator: Respondents who answered A for Q22 3 Respondents who answered A or B for Q22 3 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on chornic disease prevention (e.g., diabetes, obesity prevention) Variable label: Like professional development on chronic disease prevention Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on emotional and mental health? Q22 4. A. Yes В. No Numerator: Respondents who answered A for Q22 4 Respondents who answered A or B for Q22 4 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on emotional and mental health Variable label: Like professional development on emotional and mental health Threshold: All Schools=55 and By Grade Level=19 Q22 5. Would you like to receive professional development on epilepsy or seizure disorder? Yes A. В. No Numerator: Respondents who answered A for Q22 5 Denominator: Respondents who answered A or B for Q22 5 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on epilepsy or seizure disorder Variable label: Like professional development on epilepsy or seizure disorder All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on food allergies? Q22 6. Yes A. B. No Numerator: Respondents who answered A for Q22 6 Denominator: Respondents who answered A or B for Q22 6 Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on food allergies Variable label: Like professional development on food allergies Threshold: All Schools=55 and By Grade Level=19 Q22 7. Would you like to receive professional development on foodborne illness prevention? Yes A. B. No Numerator: Respondents who answered A for Q22 7 Denominator: Respondents who answered A or B for Q22 7 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on foodborne illness prevention Variable label: Like professional development on foodborne illness prevention All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on HIV prevention? Q22 8. Yes A. B. No Numerator: Respondents who answered A for Q22 8 Denominator: Respondents who answered A or B for Q22 8 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on HIV prevention Variable label: Like professional development on HIV prevention Threshold: All Schools=55 and By Grade Level=19 Q22 9. Would you like to receive professional development on human sexuality? Α. Yes B. No Numerator: Respondents who answered A for Q22 9 Respondents who answered A or B for Q22 9 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on human sexuality Like professional development on human sexuality Variable label: All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on infectious disease prevention (e.g., Q22 10. flu prevention)? Yes A. B. No Numerator: Respondents who answered A for Q22 10 Denominator: Respondents who answered A or B for Q22 10 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on infectious disease prevention (e.g., flu prevention) Variable label: Like professional development on infectious disease prevention All Schools=55 and By Grade Level=19 Threshold: Q22 11. Would you like to receive professional development on injury prevention and safety? A. Yes B. No Numerator: Respondents who answered A for Q22 11 Respondents who answered A or B for Q22 11 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on injury prevention and safety Like professional development on injury prevention and safety Variable label: Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on nutrition and dietary behavior? Q22 12. Yes A. В. No Numerator: Respondents who answered A for Q22 12 Denominator: Respondents who answered A or B for Q22 12 Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on nutrition and dietary behavior Variable label: Like professional development on nutrition and dietary behavior Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on physical activity and fitness? Q22 13. Yes A. В. No Numerator: Respondents who answered A for Q22 13 Denominator: Respondents who answered A or B for Q22 13 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on physical activity and fitness Variable label: Like professional development on physical activity and fitness All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on pregnancy prevention? Q22 14. Yes A. B. No Numerator: Respondents who answered A for Q22 14 Denominator: Respondents who answered A or B for Q22 14 Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on pregnancy prevention Variable label: Like professional development on pregnancy prevention Threshold: All Schools=55 and By Grade Level=19 Q22 15. Would you like to receive professional development on STD prevention? A. Yes B. No Numerator: Respondents who answered A for Q22 15 Denominator: Respondents who answered A or B for Q22 15 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on STD prevention Variable label: Like professional development on STD prevention All Schools=55 and By Grade Level=19 Threshold: Would you like to receive professional development on suicide prevention? Q22 16. Yes A. B. No Numerator: Respondents who answered A for Q22 16 Denominator: Respondents who answered A or B for Q22 16 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on suicide prevention Variable label: Like professional development on suicide prevention Threshold: All Schools=55 and By Grade Level=19 Q22 17. Would you like to receive professional development on tobacco-use prevention? Α. Yes B. No Numerator: Respondents who answered A for Q22 17 Respondents who answered A or B for Q22 17 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on tobacco-use prevention Like professional development on tobacco-use prevention Variable label: All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on violence prevention (e.g., bullying, Q22 18. fighting, dating violence prevention)? Yes A. B. No Numerator: Respondents who answered A for Q22 18 Denominator: Respondents who answered A or B for Q22 18 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on violence prevention (e.g., bullying, fighting, dating violence prevention) Variable label: Like professional development on violence prevention All Schools=55 and By Grade Level=19 Threshold: Q23 1. Would you like to receive professional development on teaching students with physical, medical, or cognitive disabilities? Yes A. В. No Numerator: Respondents who answered A for Q23 1 Denominator: Respondents who answered A or B for Q23 1 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students with physical, medical, or cognitive disabilities Variable label: Like professional development on teaching students with disabilities All Schools=55 and By Grade Level=19 Threshold: Q23 2. Would you like to receive professional development on teaching students of various cultural backgrounds? Yes A. B. No Numerator: Respondents who answered A for Q23 2 Denominator: Respondents who answered A or B for Q23 2 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students of various cultural backgrounds Variable label: Like professional development on teaching students of various cultural backgrounds Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on teaching students with limited Q23 3. English proficiency? Yes A. B. No Numerator: Respondents who answered A for Q23 3 Denominator: Respondents who answered A or B for Q23 3 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students with limited English proficiency Variable label: Like professional development on teaching students with limited English proficiency All Schools=55 and By Grade Level=19 Threshold: Q23 4. Would you like to receive professional development on teaching students of different sexual orientations or gender identities? A. Yes B. No Numerator: Respondents who answered A for Q23 4 Respondents who answered A or B for Q23 4 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on teaching students of different sexual orientations or gender identities Like professional development on teaching students of different sexual orientations Variable label: Threshold: All Schools=55 and By Grade Level=19 Q23 5. Would you like to receive professional development on using interactive teaching methods (e.g., role plays, cooperative group activities)? A. Yes В. No Numerator: Respondents who answered A for Q23 5 Respondents who answered A or B for Q23 5 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on using interactive teaching methods (e.g., role plays, cooperative group activities) Variable label: Like professional development on interactive teaching methods Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on encouraging family or community Q23 6. involvement? Yes A. B. No Numerator: Respondents who answered A for Q23 6 Denominator: Respondents who answered A or B for Q23 6 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on encouraging family or community involvement Variable label: Like professional development on encouraging family or community involvement Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on teaching skills for behavior Q23 7. change? A. Yes В. No Numerator: Respondents who answered A for Q23 7 Respondents who answered A or B for Q23 7 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on teaching skills for behavior change Variable label: Like professional development on teaching skills for behavior change Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on classroom management techniques Q23 8. (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)? Yes A. B. No Numerator: Respondents who answered A for Q23 8 Respondents who answered A or B for Q23 8 Denominator: Summary text: Percentage of schools in which the lead health education teacher would like to receive professional development on classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management) Like professional development on classroom management techniques Variable label: All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on assessing or evaluating students in Q23 9. health education? Yes Α. B. No Numerator: Respondents who answered A for Q23 9 Denominator: Respondents who answered A or B for Q23 9 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on assessing or evaluating students in health Variable label: Like professional development on assessing students in health education All Schools=55 and By Grade Level=19 Threshold: Q24 1. Would you like to receive professional development on aligning lessons and materials with the district scope and sequence for sexual health education? Yes A. В. No Numerator: Respondents who answered A for Q24 1 Denominator: Respondents who answered A or B for Q24 1 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on aligning lessons and materials with the district scope and sequence for sexual health education Variable label: Like professional development on aligning lessons with district sexual health education Threshold: All Schools=55 and By Grade Level=19 Would you like to receive professional development on creating a comfortable and safe Q24 2. learning environment for students receiving sexual health education? A. Yes No В. Numerator: Respondents who answered A for Q24 2 Respondents who answered A or B for Q24 2 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on creating a comfortable and safe learning environment for students receiving sexual health education Variable label: Like professional development on creating safe learning environment Threshold: All Schools=55 and By Grade Level=19

Would you like to receive professional development on connecting students to on-site or Q24 3. community-based sexual health services? Yes A. B. No Numerator: Respondents who answered A for Q24 3 Denominator: Respondents who answered A or B for Q24 3 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on connecting students to on-site or communitybased sexual health services Variable label: Like professional development on connecting students to on-site sexual health services Threshold: All Schools=55 and By Grade Level=19 Q24 4. Would you like to receive professional development on using a variety of effective instructional strategies to deliver sexual health education? A. Yes B. No Numerator: Respondents who answered A for Q24 4 Respondents who answered A or B for Q24 4 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on using a variety of effective instructional strategies to deliver sexual health education Like professional development on effective instructional strategies Variable label: Threshold: All Schools=55 and By Grade Level=19 Q24 5. Would you like to receive professional development on building student skills in HIV, other STD, and pregnancy prevention? A. Yes В. No Numerator: Respondents who answered A for Q24 5 Respondents who answered A or B for Q24 5 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on building student skills in HIV, other STD, and pregnancy prevention Variable label: Like professional development on building student skills in HIV prevention All Schools=55 and By Grade Level=19 Threshold:

Would you like to receive professional development on assessing student knowledge and Q24 6. skills in sexual health education? Yes A. B. No Numerator: Respondents who answered A for Q24 6 Denominator: Respondents who answered A or B for Q24 6 Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on assessing student knowledge and skills in sexual health education Variable label: Like professional development on assessing student knowledge in sexual health education Threshold: All Schools=55 and By Grade Level=19 Q24 7. Would you like to receive professional development on understanding current district or school board policies or curriculum guidance regarding sexual health education? A. Yes В. No Numerator: Respondents who answered A for Q24 7 Respondents who answered A or B for Q24 7 Denominator: Percentage of schools in which the lead health education teacher would like to Summary text: receive professional development on understanding current district or school board policies or curriculum guidance regarding sexual health education Like professional development on current sexual health education policies Variable label: Threshold: All Schools=55 and By Grade Level=19

What was the major emphasis of your professional preparation? O25.

A. Health and physical education combined

B. Health education

C. Physical education

D. Other education degree

E. Kinesiology, exercise science, or exercise physiology

F. Home economics or family and consumer science

G. Biology or other science

H. Nursing

I. Counseling

J. Public health

K. Nutrition

L. Other

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q25

Respondents who answered A, B, C, D, E, F, G, H, I, J, K, or L for Q25 Denominator:

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation is ROI. For example, health and physical education combined. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on health and physical

education combined

Variable label: Major emphasis of preparation

Threshold: All Schools=55 and By Grade Level=19

Currently, are you certified, licensed, or endorsed by the state to teach health education in middle school or high school?

A. Yes

B. No

Numerator: Respondents who answered A for Q26 Respondents who answered A or B for Q26 Denominator:

Percentage of schools in which the lead health education teacher is certified, Summary text:

licensed, or endorsed by the state to teach health education in middle school or high

school

Variable label: Certified by state to teach

Threshold: All Schools=55 and By Grade Level=19

Q27. Including this school year, how many years of experience do you have teaching health education courses or topics?

A. 1 year

B. 2 to 5 years

C. 6 to 9 years

D. 10 to 14 years

E. 15 years or more

Numerator: Depends on the response of interest (ROI). If ROI is A, then the numerator includes

respondents who answered A for Q27

Denominator: Respondents who answered A, B, C, D, or E for Q27

Summary text: Percentage of schools in which the lead health education teacher had ROI of

experience in teaching health education classes or topics. For example, 1 year. Percentage of schools in which the lead health education teacher had 1 year of

experience in teaching health education courses or topics

Variable label: Years of teaching experience

Threshold: All Schools=55 and By Grade Level=19

4. Lead Health Education Teacher Supplemental Variables

Supplemental variables are calculated based on results from one or more than one question. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

```
ESHE PM 2a
Numerator:
                   Respondents who answered A for all of Q11 1 3-Q11 1 8, Q11 1 10, and
                   Q11 1 14-Q11 1 17 or A for all of Q11 2 3-Q11 2 8, Q11 2 10, and
                   Q11 2 14-Q11 2 17
                   Respondents who answered A for all of Q11 1 3-Q11 1 8, Q11 1 10, and
Denominator:
                   Q11 1 14-Q11 1 17, or B for at least one of Q11 1 3-Q11 1 8, Q11 1 10, and
                  Q11 1 14-Q111 17, or A for all of Q11 2 3-Q11 2 8, Q11 2 10, and Q11 2 14-
                  Q11 2 17, or B for at least one of Q11 2 3-Q11 2 8, Q11 2 10, and Q11 2 14-
                   O11 2 17
                   Percentage of schools that teach all of the following in a required course taught
Summary text:
                   during grades 6, 7, or 8 and during grades 9, 10, 11, or 12:
                      How to create and sustain healthy and respectful relationships
                      Communication and negotiation skills related to eliminating or reducing risk for
                      HIV, other STD, and pregnancy
                      Goal-setting and decision-making skills related to eliminating or reducing risk
                      for HIV, other STD, and pregnancy
                      The benefits of being sexually abstinent
                      The importance of limiting the number of sexual partners
                      The importance of using condoms consistently and correctly
                      The importance of using a condom at the same time as another form of
                      contraception to prevent both STDs and pregnancy
                      How to access valid and reliable health information, products, and services
                      related to HIV, other STD, and pregnancy
                      Preventive care (such as screenings and immunizations) that is necessary to
                      maintain reproductive and sexual health
                      Influences of family, peers, culture, media, technology and other factors on
                      sexual risk behaviors
                      Influencing and supporting others to avoid or reduce sexual risk behaviors
                   ESHE PM 2a MS/HS address HIV topics
Variable label:
                   Depends on Q11 1 3-Q11 1 8, Q11 1 10, and Q11 1 14-Q11 1 17 or Q11 2 3-
Dependence:
                  Q11 2 8, Q11 2 10, and Q11 2 14-Q11 2 17
Threshold:
                  All Schools=55 and By Grade Level=19
                  /* MS */
SAS code:
       if f grdlvl2=1 and f higrade < 9 then do;
               if q11 1 3=1 and q11 1 4=1 and q11 1 5=1 and q11 1 6=1 and q11 1 7=1
                      and q11 1 8=1 and q11 1 10=1 and q11 1 14=1 and q11 1 15=1 and
                      q11_1_16=1 and q11_1_17=1 then ESHE PM 2a=1;
               else if q11 1 3=2 or q11 1 4=2 or q11 1 5=2 or q11 1 6=2 or q11 1 7=2 or
                      q11 1 8=2 or q11 1 10=2 or q11 1 14=2 or q11 1 15=2 or
                      q11 1 16=2 or q11 1 17=2 then ESHE PM 2a =2;
        end;
                /* MS/HS */
        if f grdlvl2=2 or (f lowgrade < 9 and f higrade=9) then do;
               if q11 1 3=1 and q11 1 4=1 and q11 1 5=1 and q11 1 6=1 and q11 1 7=1
                      and q11 1 8=1 and q11 1 10=1 and q11 1 14=1 and q11 1 15=1 and
```

```
q11 1 16=1 and q11 1 17=1 and q11 2 3=1 and q11 2 4=1 and
q11_2_5=1 and q11_2_6=1 and q11_2_7=1 and q11_2_8=1 and
q11 2 10=1 and q11 2 14=1 and q11 2 15=1 and q11 2 16=1 and
q11 2 17=1 then ESHE PM 2a=1;
       else if q11 1 3=2 or q11 1 4=2 or q11 1 5=2 or q11 1 6=2 or q11 1 7=2 or
              g11 1 8=2 or g11 1 10=2 or g11 1 14=2 or g11 1 15=2 or
              q11 1 16=2 or q11 1 17=2 or q11 2 3=2 or q11 2 4=2 or q11 2 5=2
              or q11 2 6=2 or q11 2 7=2 or q11 2 8=2 or q11 2 10=2 or
              q11 2 14=2 or q11 2 15=2 or q11 2 16=2 or q11 2 17=2
              then ESHE PM 2a = 2;
end;
        /* HS */
 if f grdlvl2=3 or (f lowgrade=9 and f higrade=9) then do;
       if q11 2 3=1 and q11 2 4=1 and q11 2 5=1 and q11 2 6=1 and q11 2 7=1
       and q11 2 8=1 and q11 2 10=1 and q11 2 14=1 and q11 2 15=1 and
       q11 2 16=1 and q11 2 17=1 then ESHE PM 2a =1;
else if g11 2 3=2 or g11 2 4=2 or g11 2 5=2 or g11 2 6=2 or g11 2 7=2 or
       q11 2 8=2 or q11 2 10=2 or q11 2 14=2 or q11 2 15=2 or q11 2 16=2 or
       q11 2 17=2 then ESHE PM 2a =2;
 end;
```

```
ESHE PM 2b
Numerator:
                  Respondents who answered A for all of Q12 1 1-Q12 1 7 or A for all of
                  O12 2 1-O12 2 7
Denominator:
                  Respondents who answered A for all of Q12 1 1-Q12 1 7, or B for at least one of
                  Q12 1 1-Q12 1 7, or A for all of Q12 2 1-Q12 2 7, or B for at least one of
                  Q12 2 1-Q12 2 7
Summary text:
                  Percentage of schools that <u>assess</u> the ability of the students to do the following in a
                  required course taught during grades 6, 7, or 8 and during grades 9, 10, 11, or 12:
                      Comprehend concepts important to prevent HIV, other STD and pregnancy
                      Analyze the influence of family, peers, culture, media, technology, and other
                      factors on sexual risk behaviors
                      Access valid information, products, and services to prevent HIV, other STD and
                      pregnancy
                      Use interpersonal communication skills to avoid or reduce sexual risk behaviors
                      Use decision making skills to prevent HIV, other STD and pregnancy
                      Set personal goals that enhance health, take steps to achieve these goals, and
                      monitor progress in achieving them
                      Influence and support others to avoid or reduce sexual risk behaviors
Variable label:
                  ESHE PM 2b MS/HS assess HIV topics
Dependence:
                  Depends on Q12 1 1-Q12 1 7, Q12 2 1-Q12 2 7
Threshold:
                  All Schools=55 and By Grade Level=19
SAS code:
                 /* MS */
       if f grdlvl2=1 and f higrade < 9 then do;
              if q12 1 1=1 and q12 1 2=1 and q12 1 3=1 and q12 1 4=1 and q12 1 5=1
              and q12_1_6=1 and q12_1_7=1 then ESHE_PM_2b=1;
       else if g12 1 1=2 or g12 1 2=2 or g12 1 3=2 or g12 1 4=2 or g12 1 5=2 or
              q12 1 6=2 or q12 1 7=2 then ESHE PM 2b =2;
        end;
                /* MS/HS */
        if f grdlvl2=2 or (f lowgrade < 9 and f higrade=9) then do;
              if q12 1 1=1 and q12 1 2=1 and q12 1 3=1 and q12 1 4=1 and q12 1 5=1
              and q12 1 6=1 and q12 1 7=1 and q12 2 1=1 and q12 2 2=1 and q12 2 3=1
              and q12 2 4=1 and q12 2 5=1 and q12 2 6=1 and q12 2 7=1
              then ESHE PM 2b = 1;
        else if q12 1 1=2 or q12 1 2=2 or q12 1 3=2 or q12 1 4=2 or q12 1 5=2 or
              q12 1 6=2 or q12 1 7=2 or q12 2 1=2 or q12 2 2=2 or q12 2 3=2 or
              q12 2 4=2 or q12 2 5=2 or q12 2 6=2 or q12 2 7=2 then ESHE PM 2b =2;
        end;
              /* HS */
       if f grdlvl2=3 or (f lowgrade=9 and f higrade=9) then do;
              if q12 2 1=1 and q12 2 2=1 and q12 2 3=1 and q12 2 4=1 and q12 2 5=1
                      and q12 2 6=1 and q12 2 7=1 then ESHE PM 2b=1;
              else if q12 2 1=2 or q12 2 2=2 or q12 2 3=2 or q12 2 4=2 or q12 2 5=2 or
                      q12 2 6=2 or q12 2 7=2 then ESHE PM 2b =2;
        end;
```

ESHE PM 2c Numerator: Respondents who answered A for all of Q6 1-Q6 5 Denominator: Respondents who answered A for all of Q6 1-Q6 5, or B for at least one of Q6 1-Q6 5 Percentage of schools in which those who teach sexual health education are Summary text: provided with the following: Goals, objectives, and expected outcomes for sexual health education A written health education curriculum that includes objectives and content addressing sexual health education A chart describing the annual scope and sequence of instruction for sexual health education Strategies that are age-appropriate, relevant, and actively engage students in learning Methods to assess student knowledge and skills related to sexual health education ESHE PM 2c provided sex ed materials Variable label: Depends on Q6 1-Q6 5 Dependence: Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q6 1 = 1 and Q6 2 = 1 and Q6 3 = 1 and Q6 4 = 1 and Q6 5 = 1then ESHE PM 2c = 1; else if Q6 1 = 2 or Q6 2 = 2 or Q6 3 = 2 or Q6 4 = 2 or Q6 5 = 2 then ESHE PM 2c = 2; if Q6 1=3 or Q6 2=3 or Q6 3=3 or Q6 4=3 or Q6 5=3 then ESHE PM 2c=.;

Q1N

Numerator: Respondents who answered C, D, or E for Q1
Denominator: Respondents who answered A, B, C, D, or E for Q1

Summary text: Percentage of all schools that require students to take two or more health education

courses

Variable label: Require 2+ health education courses

Dependence: Depends on Q1

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q1 in (3, 4, 5) then Q1N = 1;

else if Q1 in (1, 2) then Q1N = 2;

Q10N	
Numerator:	Respondents who answered A for all of Q10 1-Q10 19
Denominator:	Respondents who answered A for all of Q10_1-Q10_19 or B for at least one of Q10_1-Q10_19
Summary text:	Percentage of schools that taught all 19 tobacco-use prevention topics during the current school year*
Footnote:	*Responses to Q10_1 through Q10_19 all are answered A Identifying tobacco products and the harmful substances they contain Identifying short- and long-term health consequences of tobacco use Identifying social, economic, and cosmetic consequences of tobacco use Understanding the addictive nature of nicotine Effects of nicotine on the adolescent brain Effects of tobacco use on athletic performance Effects of second-hand smoke and benefits of a smoke-free environment Understanding the social influences on tobacco use, including media, family, peers, and culture Identifying reasons why students do and do not use tobacco Making accurate assessments of how many peers use tobacco Using interpersonal communication skills to avoid tobacco use (e.g., refusal
W - 11 11 1	 skills, assertiveness) Using goal-setting and decision-making skills related to not using tobacco Finding valid information and services related to tobacco-use prevention and cessation Supporting others who abstain from or want to quit using tobacco Identifying harmful effects of tobacco use on fetal development Relationship between using tobacco and alcohol or other drugs How addiction to tobacco use can be treated Understanding school policies and community laws related to the sale and use of tobacco products Benefits of smoking cessation programs
Variable label: Dependence: Threshold: SAS code:	Q10N taught all 19 tobacco topics Depends on Q10_1-Q10_19 All Schools=55 and By Grade Level=19 if Q10_1 = 1 and Q10_2 = 1 and Q10_3 = 1 and Q10_4 = 1 and Q10_5 = 1 and Q10_6 = 1 and Q10_7 = 1 and Q10_8 = 1 and Q10_9 = 1 and Q10_10 = 1 and Q10_11 = 1 and Q10_12 = 1 and Q10_13 = 1 and Q10_14 = 1 and Q10_15 = 1 and Q10_16 = 1 and Q10_17 = 1 and Q10_18 = 1 and Q10_19 = 1 then Q10N = 1; else if Q10_1 = 2 or Q10_2 = 2 or Q10_3 = 2 or Q10_4 = 2 or Q10_5 = 2 or Q10_6 = 2 or Q10_7 = 2 or Q10_8 = 2 or Q10_9 = 2 or Q10_10 = 2 or Q10_11 = 2 or Q10_12 = 2 or Q10_13 = 2 or Q10_14 = 2 or Q10_15 = 2 or Q10_17 = 2 or Q10_18 = 2 or Q10_19 = 2 then Q10N = 2;

```
Q11N 1
Numerator:
                  Respondents who answered A for all of Q11 1 1-Q11 1 20
Denominator:
                  Respondents who answered A for all of Q11 1 1-Q11 1 20 or B for at least one of
                  Q11 1 1-Q11 1 20
                  Percentage of schools that taught all 20 HIV, STD, and pregnancy prevention topics
Summary text:
                  in any of grades 6, 7, or 8 during the current school year*
Footnote:
                  *Responses to Q11 1 1-Q11 1 20 all are answered A
Variable label:
                  Taught all 20 middle school HIV topics
Dependence:
                  Depends on Q11 1 1-Q11 1 20
Threshold:
                  All Schools=55 and By Grade Level=19
SAS code:
                  if q11 1 1 = 1 and q11 1 2= 1 and q11 1 3 = 1 and q11 1 4 = 1 and q11 1 5 = 1
                      and q11\ 1\ 6 = 1 and q11\ 1\ 7 = 1 and q11\ 1\ 8 = 1 and q11\ 1\ 9 = 1 and
                      q11 \ 1 \ 10 = 1 and q11 \ 1 \ 11 = 1 and q11 \ 1 \ 12 = 1 and q11 \ 1 \ 13 = 1 and
                      q11 1 14=1 and q11 1 15=1 and q11 1 16=1 and q11 1 17=1 and
                      q11 1 18=1 and q11 1 19=1 and q11 1 20=1
                  then Q11N 1 = 1;
                  else if q11 1 1 = 2 or q11 1 2 = 2 or q11 1 3 = 2 or q11 1 4 = 2 or q11 1 5 = 2
                      or q11 1 6 = 2 or q11 1 7 = 2 or q11 1 8 = 2 or q11 \overline{1} \overline{9} = 2 or q11 \overline{1} \overline{10} = 2
                      or q11 1 11 = 2 or q11 1 12 = 2 or q11 1 13=2 or q11 1 14=2 or
                      q11 1 15=2 or q11 1 16=2 or q11 1 17=2 or q11 1 18=2 or q11 1 19=2 or
                      q11 1 20=2
                 then Q11N 1 = 2;
                 if q11 1 1=3 or q11 1 2=3 or q11 1 3=3 or q11 1 4=3 or q11 1 5=3 or
                      q11 1 6=3 or q11 1 7=3 or q11 1 8=3 or q11 1 9=3 or q11 1 10=3
                      g11 1 11=3 or g11 1 12=3 or g11 1 13=3 or g11 1 14=3 or g11 1 15=3 or
                      q11 1 16=3 or q11 1 17=3 or q11 1 18=3 or q11 1 19=3 or q11 1 20=3
                 then Q11N 1 = ...
```

```
Q11N 2
Numerator:
                                  Respondents who answered A for all of Q11 2 1-Q11 2 20
                                  Respondents who answered A for all of Q11 2 1-Q11 2 20 or B for at least one of
Denominator:
                                  Q11 2 1-Q11 2 20
                                  Percentage of schools that taught all 20 HIV, STD, and pregnancy prevention topics
Summary text:
                                  in any of grades 9, 10, or 11, or 12 during the current school year*
Footnote:
                                  *Responses to Q11 2 1-Q11 2 20 all are answered A
Variable label:
                                  Taught all 20 high school HIV topics
                                  Depends on Q11 2 1-Q11 2 20
Dependence:
Threshold:
                                  All Schools=55 and By Grade Level=19
SAS code:
                                  if q11 2 1 = 1 and q11 2 2= 1 and q11 2 3 = 1 and q11 2 4 = 1 and q11 2 5 = 1
                                         and q11 \ 2 \ 6 = 1 and q11 \ 2 \ 7 = 1 and q11 \ 2 \ 8 = 1 and q11 \ 2 \ 9 = 1 and
                                         q11 \ 2 \ 10 = 1  and q11 \ 2 \ 11 = 1  and q11 \ 2 \ 12 = 1  and q11 \ 2 \ 13 = 1  and
                                         q11 2 14=1 and q11 2 15=1 and q11 2 16=1 and q11 2 17=1 and
                                         q11 2 18=1 and q11 2 19=1 or q11 2 20=1
                                 then Q11N 2 = 1;
                                  else if q11 2 1 = 2 or q11 2 2 = 2 or q11 2 3 = 2 or q11 2 4 = 2 or
                                                                                                                                                                q11 \ 2 \ 5 =
                                         2 or q11 2 6 = 2 or q11 2 7 = 2 or q11 2 8 = 2 or q11 2 9 = 2 or q11 2 10 =
                                         2 or q11 = 2 or q11 = 2 or q11 = 2 or q11 = 2 or q11 = 2 or q11 = 2 or q11 = 2 or
                                         g11 2 15=2 or g11 2 16=2 or g11 2 17=2 or g11 2 18=2 or g11 2 19=2 or
                                         q11 2 20=2
                                 then Q11N 2 = 2;
                                 if q11 2 1=3 or q11 2 2=3 or q11 2 3=3 or q11 2 4=3 or q11 2 5=3 or
                                         q11_2^-6=3 or q11_2^-7=3 or q11_2^-8=3 or q11_2^-9=3 or q11_2^-10=3 or
                                         g11 2 11=3 or g11 2 12=3 or g11 2 13=3 or g11 2 14=3 or g11 2 15=3 or
                                         q11 2 16=3 or q11 2 17=3 or q11 2 18=3 or q11 2 19=3 or q11 2 20=3
                                 then Q11N 2 = ...
O14N
                                  Respondents who answered A for all of Q14 1-Q14 22
Numerator:
                                  Respondents who answered A for all of Q14 1-Q14 22 or B for at least one of
Denominator:
                                  Q14 1-Q14 22
                                  Percentage of schools that taught all 22 nutrition and dietary behavior topics during
Summary text:
                                  the current school year*
Footnote:
                                  *Responses to Q14 1- Q14 22 all are answered A
Variable label:
                                  Taught all 22 nutrition topics
Dependence:
                                  Depends on O14 1-O14 22
Threshold:
                                  All Schools=55 and By Grade Level=19
                                  if Q14 1 = 1 and Q14 2 = 1 and Q14 3 = 1 and Q14 4 = 1 and Q14 5 = 1 and
SAS code:
                                         Q14 6 = 1 and Q14 7 = 1 and Q14 8 = 1 and Q14 9 = 1 and Q14 10 = 1 and
                                         Q14 11 = 1 and Q14 12 = 1 and Q14 13 = 1 and Q14 14 = 1 and Q14 15 = 1
                                         and Q14 16 = 1 and Q14 17 = 1 and Q14 18 = 1 and Q14 19 = 1 and Q14 20 =
                                         1 and Q14 21 = 1 and Q14 22 = 1 then Q14N = 1;
                                  else if O14 1 = 2 or O14 2 = 2 or O14 3 = 2 or O14 4 = 2 or O14 5 = 2 or O14 6 =
                                         2 or Q14 7 = 2 or Q14 8 = 2 or Q14 9 = 2 or Q14 10 = 2 or Q14 11 = 2 or
                                         Q14 \ 12 = 2 \text{ or } Q14 \ 13 = 2 \text{ or } Q14 \ 14 = 2 \text{ or } Q14 \ 15 = 2 \text{ or } Q14 \ 16 = 2 \text{ or } Q14 \ 1
                                         Q14 17 = 2 or Q14 18 = 2 or Q14 19 = 2 or Q14 20 = 2 or Q14 21 = 2 or
                                         Q14 22 = 2 then Q14N = 2;
```

Q15N

Numerator: Respondents who answered A for all of Q15 1-Q15 13

Denominator: Respondents who answered A for all of Q15 1-Q15 13 or B for at least one of

Q15 1-Q15 13

Summary text: Percentage of schools that taught all 13 physical activity topics during the current

school year*

Footnote: *Responses to Q15 1- Q15 13 all are answered A

Variable label: Taught all 13 physical activity topics

Dependence: Depends on Q15_1-Q15_13

Threshold: All Schools=55 and By Grade Level=19

SAS code: if $Q15_1 = 1$ and $Q15_2 = 1$ and $Q15_3 = 1$ and $Q15_4 = 1$ and $Q15_5 = 1$ and

Q15 6 = 1 and Q15 7 = 1 and Q15 8 = 1 and Q15 9 = 1 and Q15 10 = 1 and

Q15 11 = 1 and Q15 12 = 1 and Q15 13 = 1 then Q15N = 1;

else if Q15_1 = 2 or Q15_2 = 2 or Q15_3 = 2 or Q15_4 = 2 or Q15_5 = 2 or Q15_6 =

2 or Q15 7 = 2 or Q15 8 = 2 or Q15 9 = 2 or Q15 10 = 2 or Q15 11 = 2 or

Q15 12 = 2 or Q15 13 = 2 then Q15N = 2;

Q25N 1

Numerator: Respondents who answered A or B to Q25

Denominator: Respondents who answered A or B to Q25, or C-L to Q25

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was health education or health and physical

education combined (A or B)

Variable label: HE or HE/PE combined

Dependence: Depends on Q25

Threshold: All Schools=55 and By Grade Level=19

SAS code: if Q25 in (1,2) = 1 then Q25N_1 = 1;

else if Q25 > 2 then Q25N 1 = 2;

Q25N 2

Numerator: Respondents who answered C or E to Q25

Denominator: Respondents who answered C or E to Q25, or A, B, D, F-L to Q25

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was physical education, kinesiology, exercise

science or exercise physiology (C or E)

Variable label: PE or kinesiology Dependence: Depends on Q25

Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q25 in (3,5) = 1 then Q25N 2 = 1;

else if Q25 in (1,2,4) or $5 < Q25 \le 12$ then Q25N 2 = 2;

Q25N 3

Numerator: Respondents who answered F, G or K to Q25

Denominator: Respondents who answered F, G or K to Q25, or A-E, H-J, L to Q25

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was home economics or family and consumer

science, biology or other science, or nutrition (F, G, or K)

Variable label: Home economics or other

Dependence: Depends on Q25

Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q25 in (6,7,11) = 1 then Q25N 3 = 1;

else if Q25 in (8,9,10,12) or 0 < Q25 < 6 then Q25N 3 = 2;

Q25N 4

Numerator: Respondents who answered H or I to Q25

Denominator: Respondents who answered H or I to Q25, or A-G, J-L to Q25

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was nursing or counseling (H or I)

Variable label: Nursing or counseling Dependence: Depends on Q25

Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q25 in (8,9) = 1 then Q25N 4 = 1;

else if 0 < Q25 < 8 or 9 < Q25 <= 12 then Q25N = 4 = 2;

Q25N_5

Numerator: Respondents who answered J or L to Q25

Denominator: Respondents who answered J or L to Q25, or A-I, K to Q25

Summary text: Percentage of schools in which the major emphasis of the lead health education

teacher's professional preparation was public health or other (J or L)

Variable label: Public health or other Dependence: Depends on Q25

Threshold: All Schools=55 and By Grade Level=19 SAS code: if Q25 in (10,12) = 1 then Q25N 5 = 1;

else if 0 < Q25 < 10 or Q25 in (11) then Q25N 5 = 2;

5. Combined Principal/Lead Health Education Teacher Supplemental Variables

SSE PM 6

Supplemental variables SSE_PM_6, SSE_PM_5, SSE_PM_4, and LGBTQ are derived from both principal and lead health education teacher questions. Schools with either a participating principal or a participating lead health education teacher or both are counted as respondents and included in the calculation of these supplemental variables. Using this counting rule, a response rate is calculated for determining whether SSE_PM_6, SSE_PM_5, SSE_PM_4, and LGBTQ are weighted. If the response rate is at least 70%, weighted estimates of SSE_PM_6, SSE_PM_5, SSE_PM_4, and LGBTQ are produced. The following table presents the numerator and the denominator for calculating the supplemental dichotomous variables.

SSE_TWI_0	
Numerator:	Respondents who answered A to at least four of principal Q45_1-Q45_4, Q46, Q50 and teacher Q18
Denominator:	Respondents who answered A to at least four of principal Q45_1-Q45_4, Q46, Q50 and teacher Q18, or A to less than four of principal Q45_1-Q45_4, Q46, Q50 and teacher Q18
Summary text:	Percentage of schools that implement parent engagement strategies for all students by doing at least four of the following: Providing parents and families with information about how to communicate with
	their child about sex
	• Providing parents and families with information about how to monitor their child (this includes the expectations parents have for their child's behavior; the actions parents take to keep track of their child; and the ways parents respond when their child breaks the rules)
	• Establishing one or more communication channels (e.g., electronic, paper, or oral) with parents about school health services and programs
	• Involving parents as school volunteers in the delivery of health education activity and services
	Engaging parents and students in health education activities at home
	• Engaging parents in the development and implementation of school health policies and programs
	• Linking parents and families to health services and programs in the community
Variable label:	SSE_PM_6 parent engagement
Dependence:	Depends on principal Q45_1-Q45_4, Q46, Q50 and teacher Q18
Threshold:	All Schools=55 and By Grade Level=19
SAS code:	cntslim1=.; flgslim1=.;
	array slim1(7) Q45_1 Q45_2 Q45_3 Q45_4 Q46 Q50 Q18;
	do i = 1 to 7;
	cntslim1 = sum(cntslim1, slim1(i)=1); $flgslim1 = sum(flgslim1, slim1(i) ^in (1,2));$
	end; $- \sin(\pi g \sin \pi r), \sin(\pi r) \sin(\pi r)$
	if cntslim1>=4 then SSE PM $6 = 1$;
	else if sum(cntslim1, flgslim1) >= 4 then SSE PM 6=.;
	else SSE PM $6 = 2$;

```
SSE PM 5
Numerator:
                    Respondents who answered A to at least three of teacher Q20 8 and principal Q47,
                    Q48, Q49 and (principal Q8, Q9 1, Q9 2, or Q10)
                    Respondents who answered A to at least three of teacher Q20 8 and principal Q47,
Denominator:
                    Q48, Q49 and (principal Q8, Q9 1, Q9 2, or Q10), or A to less than three of teacher
                    Q20 8 and principal Q47, Q48, Q49 and (principal Q8, Q9 1, Q9 2, or Q10)
Summary text:
                    Percentage of schools that implement school connectedness strategies by doing at
                    least three of the following:
                        Providing students with opportunities to be involved in mentoring programs
                        Providing students with opportunities to be involved in service learning
                       Providing students with opportunities to be involved in peer tutoring
                        Having a lead health education teacher who received professional development
                        on classroom management techniques during the past 2 years
                        Providing clubs or activities that give students opportunities to learn about people
                        different from them (e.g., students with disabilities, LGBTQ youth, homeless
                        youth, or people from different cultures)
                    SSE PM 5 school connectedness
Variable label:
                    Depends on teacher Q20 8 and principal Q47, Q48, Q49 and (principal Q8, Q9 1,
Dependence:
                    Q9 2, or Q10)
Threshold:
                    All Schools=55 and By Grade Level=19
                    sumslim2=.; flgslim2=.; flgslim2 2; cntslim2 =.; cnt missing=.; cnt 1=.;
SAS code:
                      if Q8=1 or Q9 1=1 or Q9 2=1 or Q10=1 then sumslim2=1;
                       else if Q8 ^{\circ}in(1,2) or Q9 1 ^{\circ}in(1,2) or Q9 2 ^{\circ}in(1,2) or Q10 ^{\circ}in(1,2) then
                       flgslim2=1:
                       else sumslim2=0:
                      array slim2(4) Q47 Q48 Q49 Q20 8;
                      do i = 1 to 4;
                       cntslim2 = sum(cntslim2, slim2(i)=1);
                       flgslim2 2 = \text{sum}(\text{flgslim2 } 2, \text{slim2(i)} \land \text{in (1,2)});
                      cnt missing = sum(flgslim2, flgslim2 2);
                      cnt 1 = sum(cntslim2, sumslim2);
                     if cnt 1 \ge 3 then SSE PM 5 = 1;
                     else if sum(cnt 1, cnt missing) >= 3 then SSE PM 5=.;
                     else SSE PM 5 = 2;
```

SSE_PM_4	
Numerator:	Respondents who answered A to all of principal Q12, Q13, Q14 and teacher Q17 9
Denominator:	Respondents who answered A to all of principal Q12, Q13, Q14 and teacher Q17_9 or B to at least one of principal Q12, Q13, Q14 and teacher Q17_9
Summary text:	Percentage of schools that prevent bullying and sexual harassment, including electronic aggression, among all students by doing all of the following:
	 Providing annual professional development for all school staff on preventing, identifying, and responding to student bullying and sexual harassment, including electronic aggression
	 Publicizing and disseminating policies/rules/regulations on bullying and sexual harassment, including electronic aggression, via one or more communication channels (e.g., electronic, paper, or oral)
	 Providing a confidential mechanism for reporting student bullying and sexual harassment, including electronic aggression, to a designated school staff member Providing information and resources to parents on preventing student bullying
Variable label	and sexual harassment, including electronic aggression
Variable label: Dependence:	SSE_PM_4 prevent bullying Depends on principal Q12, Q13, Q14 and teacher Q17 9
Threshold:	All Schools=55 and By Grade Level=19
SAS code:	if $Q12 = 1$ and $Q13 = 1$ and $Q14 = 1$ and $Q17 = 1$ then SSE PM $A = 1$;
SAS code.	else if $Q12 = 2$ or $Q13 = 2$ or $Q14 = 2$ or $Q17_9 = 2$ then $SSE_PM_4 = 2$;

LGBTQ	
Numerator: Denominator: Summary text:	Respondents who answered A to all of principal Q11_1-Q11_5 and teacher Q7 Respondents who answered A to all of principal Q11_1-Q11_5 and teacher Q7, or B to at least one of principal Q11_1-Q11_5 or teacher Q7 Percentage of schools that implement HIV, other STD, and pregnancy prevention strategies that meet the needs of lesbian, gay, bisexual, transgender, and questioning (LGBTQ) youth by doing all of the following: • Providing curricula or supplementary materials that include HIV, other STD, or pregnancy prevention information that is relevant to LGBTQ youth (e.g., curricula or materials that use inclusive language or terminology) • Identifying "safe spaces" such as a counselor's office, designated classroom, or student organization where LGBTQ youth can receive support from administrators, teachers, or other school staff • Prohibiting harassment based on a student's perceived or actual sexual orientation or gender identity • Facilitating access to providers not on school property who have experience providing health services, including HIV/STD testing and counseling, to LGBTQ youth • Facilitating access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth • Encouraging staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity
Variable label: Dependence: Threshold: SAS code:	LGBTQ strategies Depends on principal Q11_1-Q11_5 and teacher Q7 All Schools=55 and By Grade Level=19 if Q11_1 = 1 and Q11_2 = 1 and Q11_3 = 1 and Q11_4 = 1 and Q11_5 = 1 and Q7 = 1 then LGBTQ = 1; else if Q11_1 = 2 or Q11_2 = 2 or Q11_3 = 2 or Q11_4 = 2 or Q11_5 = 2 or Q7 = 2 then LGBTQ = 2;

III. Analysis Software Technical Notes

1. Software Requirements and Sample Packages

Profiles uses a systematic equal probability sample design. Statistical software used to analyze Profiles data should account for this design. Although the point estimates will always match, there will be small differences in the confidence intervals as different methods for calculating standard errors are used. Many packages with this capability for calculating standard errors are available (SUDAAN, SAS, STATA, SPSS, and Epi Info).

For Profiles, a finite population correction factor (fpc) is applied to the standard error of the proportion. The fpc accounts for sampling from a finite population without replacement. The large sample statistical theory and the standard errors of the percentage are based on the assumption that the samples are selected with replacement. However, in practice, samples are selected without replacement from populations that are of a finite size. When using the statistical packages mentioned above, special programming is required to incorporate the fpc into the calculation of asymmetric confidence intervals. A sample SAS program using SAS-callable SUDAAN for calculating standard errors and for computing 95% asymmetric confidence intervals with fpc adjustment is provided in Section 3.

2. How to Use the SAS Format Library

The SAS format library contains the formats used to make SAS output more readable. Formats are linked to the data so that results are displayed as words ("Yes" or "No", for instance) instead of numbers (1 or 2). The SAS Profiles data file is designed to use its companion format library. You should download both the data file and the format library if you want to use SAS to analyze Profiles data.

The following example SAS program shows how to use the format library. It assumes that both the data file and the format library have been downloaded to "c:\data". The libname statement indicates where the data file and the format library are located

```
libname mydata "c:\data"; /* tells SAS where the data are */
options fmtsearch=(mydata.xx2018_formats); /* tells SAS where the formats are (xx is the site
code as it appears on the file name on the Survey TA website) */
proc freq data=mydata.xxt2018;
tables q3;
run;
```

Using the format library is recommended but technically is optional. If you do not want to use the format library, include the following statement at the start of your SAS program:

options nofmterr; /* tells SAS not to look for formats */

Please note that each year of Profiles data has its own format library. Format libraries are not the same across years of data.

For further information on using format libraries, please consult your SAS documentation.

3. Example SAS and SAS-callable SUDAAN Program

a. Principal Program

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "Example 2018 Principal Program.sas."

```
* Assign the locations for the SAS data and format library (xx is the site code as it appears on the file name on
   the Survey TA website);
libname pdata "c:\data\profiles2018";
options fmtsearch=(pdata.xx2018 formats) nofmterr;
* Create a temporary dataset from the principal SAS data set loaded to the Survey TA website retaining only
   records that have principal analysis weights greater than zero (xx is the site code as it appears on the file
   name on the Survey TA website);
data principal;
   set pdata.xxp2018;
   if finalwt > 0;
run;
* Sort the data by stratum – this is a SUDAAN requirement;
proc sort data=principal;
   by psstrat;
run;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q5 by
   grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=principal filetype=sas design=strwr atlevel1=1;
weight finalwt;
nest psstrat;
subgroup f grdlvl2;
levels 3;
var q1 1q1 2q1 3q1 4q1 5q1 6
      q5 q5
catlevel
/* q1 */ 111111
/* q5 */ 12
setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;
           nsum wsum percent sepercent /filename=pdata.xx2018 principal estimate
                                                                                               filetype=sas
output
tablecell=default replace;
title "2018 school health profiles – principal survey";
print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;
run;
```

```
* Compute asymmetric 95% confidence intervals for principal percent estimates with finite population
   correction;
* Extract finite population correction factor (ps fpc) from the principal SAS dataset on the Survey TA
website:
data ps fpc;
set pdata.xxp2018 (keep=ps fpc);
if n = 1;
run;
* Run Proc Means for computing the number of participating principals (nobs p) and the number of unique
strata in the principal dataset (npsstrat) - these variables are used for calculating the degrees of freedom (df p);
proc means data= pdata.xxp2018;
var psstrat;
output out=out p n=nobs p max=npsstrat;
* Create a dataset that contains ps fpc, nobs p, npsstrat, percent, sepercent;
data pdata.xx2018 allvar;
if n = 1 then set ps fpc;
if n = 1 then set out p (DROP= TYPE FREQ );
set pdata.xx2018 principal estimate;
format all;
run;
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data pdata.principal ci;
 set pdata.xx2018 allvar;
  se s1=sepercent;
  wpct s = percent/100;
  se s2 = se s1*(sqrt(ps fpc));
  if 0 < wpct s < 1 then do;
  wpct s 2 = 1 - wpct s;
  ln p = log(wpct s) - log(wpct s 2);
  if wpct s=0 or wpct_s_2 = 0 then se_p=0;
  else se p = (se s2/100)/(wpct s*(wpct s 2));
   df p = nobs p - npsstrat;
  lf = ln p-(tinv(0.975,df p))*se p;
  uf = \ln p + (tinv(0.975,df p))*se p;
  lower = 100*(\exp(lf)/(1+\exp(lf)));
  upper = 100*(exp(uf)/(1+exp(uf)));
  end:
  else do;
  lower = .;
  upper = .;
  end;
* Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1 1';
if variable = 2 then var name = 'q1 2';
if variable = 3 then var name = 'q1 3';
if variable = 4 then var name = 'q1 	 4';
if variable = 5 then var name = 'q1 5';
if variable = 6 then var name = 'q1 6';
if variable = 7 then var name = 'q5';
if variable = 8 then var name = 'q5';
label
 ps fpc = "principal finite population correction factor"
 nobs p = "number of participating principals"
 npsstrat = "number of unique strata in the principal dataset"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
  c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In p = "logit transformation of proportion"
 se p = "standard error of logit-transformed proportion"
 df p = "degrees of freedom in the principal dataset"
 If = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run;
* print the final results;
proc print data=pdata.principal ci;
var var name f grdlvl2 ps fpc nobs p npsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct
uppet se s1 wpct s se s2 wpct s 2 ln p se p df p lf uf lower upper
run:
```

b. Lead Health Education Teacher Program

The following SAS program can be found under Profiles Report Resources and Documentation on the Survey TA website. The name of the file is "Example 2018 Teacher Program.sas."

```
* Assign the locations for the SAS data and format library (xx is the site code as it appears on the file name on
   the Survey TA website);
libname tdata "c:\data\profiles2018";
options fmtsearch=(tdata.xx2018 formats) nofmterr;
* Create a temporary dataset from the teacher SAS data set loaded on the Survey TA website retaining only
   records that have teacher analysis weights greater than zero (xx is the site code as it appears on the file
   name on the Survey TA website);
data teacher:
   set tdata.xxt2018;
   if finalwt > 0;
run;
* Sort the data by stratum – this is a SUDAAN requirement;
proc sort data=teacher;
   by tsstrat;
run;
* Run the SUDAAN descript procedure for computing percent estimates and standard errors for Q1 and Q2 by
   grade level. Save SUDAAN output to a data set for use in subsequent processing steps;
proc descript data=teacher filetype=sas design=strwr atlevel1=1;
weight finalwt;
nest tsstrat;
subgroup f grdlvl2;
levels 3;
var q1 q1 q1 q1 q1
     q2_1 q2_2 q2_3 q2_4 q2_5 q2_6 q2_7
catlevel
/* q1 */ 12345
/* q2 */ 1111111
setenv colspce=2 rowwidth=13 colwidth=17 leftmgn=17;
output nsum wsum percent sepercent /filename=tdata.xx2018 teacher estimate filetype=sas tablecell=default
replace;
title "2018 school health profiles – teacher survey";
print nsum wsum percent sepercent atlev1 /wsumfmt=f8.2 percentfmt=f8.4 sepercentfmt=f8.5;
run;
```

```
* Compute asymmetric 95% confidence intervals for teacher percent estimates with finite population
   correction;
* Extract finite population correction factor (ts fpc) from the teacher SAS dataset loaded on the Survey TA
website:
data ts fpc;
set tdata.xxt2018 (keep=ts fpc);
if n = 1;
run;
* Run Proc Means for computing the number of participating teachers (nobs t) and the number of unique strata
in the teacher dataset (ntsstrat) - these variables are used for calculating the degrees of freedom (df t);
proc means data= tdata.xxt2018;
var tsstrat;
output out=out t n=nobs t max=ntsstrat;
* Create a dataset that contains ts fpc, nobs t, ntsstrat, percent, sepercent;
data tdata.xx2018 allvar;
if n = 1 then set ts fpc;
if n = 1 then set out t (DROP= TYPE FREQ );
 set tdata.xx2018 teacher estimate;
format all;
run:
* Compute 95% asymmetric confidence intervals with fpc adjustment;
data tdata.teacher ci;
 set tdata.xx2018 allvar;
  se s1=sepercent;
   wpct s= percent/100;
   se s2 = se s1*(sqrt(ts fpc));
   if 0 < wpct s < 1 then do;
   wpct s 2 = 1 - wpct s;
  \ln t = \log(\text{wpct s}) - \log(\text{wpct s 2});
  if wpct s=0 or wpct s 2 = 0 then se t=0;
   else se t = (se s2/100)/(wpct s*(wpct s 2));
   df t = nobs t - ntsstrat;
  1f = \ln t - (tinv(0.975, df t)) *se t;
   uf = ln t + (tinv(0.975,df t))*se t;
  lower = 100*(exp(lf)/(1+exp(lf)));
   upper = 100*(\exp(uf)/(1+\exp(uf)));
  end;
  else do;
  lower = .;
  upper = .;
  end;
* Create VAR NAME to map the actual variable name to SUDAAN variable identifier;
```

```
length var name $12;
if variable = 1 then var name = 'q1';
if variable = 2 then var name = 'q1';
if variable = 3 then var name = 'q1';
if variable = 4 then var name = 'q1';
if variable = 5 then var name = 'q1';
if variable = 6 then var name = 'q2 1';
if variable = 7 then var_name = 'q2 2';
if variable = 8 then var name = 'q2 3';
if variable = 9 then var_name = 'q2 4';
if variable = 10 then var name = 'q2 5';
if variable = 11 then var name = 'q2 6';
if variable = 12 then var name = 'q2 7';
label
 ts fpc = "teacher finite population correction factor"
 nobs t = "number of participating teachers"
 ntsstrat = "number of unique strata in the teacher dataset"
 procnum = "sudaan output variable: procedure number"
 tableno = "sudaan output variable: table number"
 variable = "sudaan output variable: variable"
  c1 = "sudaan output variable: codes for categorical variable f grdlvl2"
 nsum = "sudaan output variable: sample size"
 wsum = "sudaan output variable: weighted size"
 percent = "sudaan output variable: percent"
 sepercent = "sudaan output variable: se percent"
 total = "sudaan output variable: total"
 lowtotal = "sudaan output variable: lower 95% limit total"
 uptotal = "sudaan output variable: upper 95% limit total"
 lowpct = "sudaan output variable: lower 95% limit percent"
 uppet = "sudaan output variable: upper 95% limit percent"
 atlev1 = "sudaan output variable: count at level 1"
 se s1 = "same as sepercent from sudaan"
 wpct s = "proportion: percent from sudaan divided by 100"
 se s2 = "standard error of weighted percent with finite population correction"
 wpct s 2 = "1 minus wpct s"
 In t = "logit transformation of proportion"
 se t = "standard error of logit-transformed proportion"
 df t = "degrees of freedom in the teacher dataset"
 lf = "lower bound of 95% asymmetric confidence interval in logit scale"
 uf = "upper bound of 95% asymmetric confidence interval in logit scale"
 lower = "lower bound of 95% asymmetric confidence interval"
 upper = "upper bound of 95% asymmetric confidence interval"
 var name = "variable name"
run;
* print the final results;
proc print data=tdata.teacher ci;
var var name f grdlvl2 ts fpc nobs t ntsstrat nsum wsum percent sepercent total lowtotal uptotal lowpct uppet
se s1 wpct s se s2 wpct s 2 ln t se t df t lf uf lower upper
run;
```