

TABLE 5.1

Percentage of teachers who reported various aspects of pre-service or in-service training on sexuality education, by county and school type

Aspect of training	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Teachers who cover sexuality education topics	(N=190)	(N=62)	(N=70)	(N=58)	(N=119)	(N=71)
Received pre-service training	69.7	67.6	70.4	84.6	69.5	70.0
Received in-service training						
<1 year ago	8.7	8.1	13.0	6.5	9.2	7.9
1–3 years ago	22.4	22.0	27.2	17.6	19.1	27.3
>3 years ago	15.0	12.9	22.8	19.4	18.5	9.8
Never	53.9	56.9	37.0	56.4	53.2	55.0
Total	100.0	100.0	100.0	100.0	100.0	100.0
Teachers with pre-service training	(N=138)	(N=41)	(N=49)	(N=48)	(N=87)	(N=51)
Source of pre-service training†						
Pre-service education (e.g., teacher college)	31.6	29.0	38.6	38.7	28.7	35.9
University education	73.3	78.4	59.8	59.2	74.0	72.2
Course at separate institute	20.5	23.3	10.7	16.4	19.6	22.0
NGO	5.3	5.6	7.4	1.2	7.7	1.8
Assessment of pre-service training						
Very adequate	29.5	32.3	18.6	27.5	28.5	31.1
Adequate	62.6	60.8	70.7	62.1	61.9	63.6
Inadequate	7.9	6.9	10.7	10.4	9.7	5.3
Total	100.0	100.0	100.0	100.0	100.0	100.0
Ways to improve pre-service training†						
More hours of training	81.8	84.3	88.3	58.6*	77.0	89.0
More training in certain topics	80.9	80.6	94.4	65.4*	74.1	90.9
Training in teaching methods	78.4	79.5	81.9	67.3	72.0	87.9
Separate training on specific topics	73.1	74.4	76.5	60.5	71.0	76.2
Teachers with in-service training	(N=93)	(N=25)	(N=41)	(N=27)	(N=57)	(N=36)
Assessment of in-service training						
Very adequate	31.8	32.9	26.4	34.0	26.3	40.1
Adequate	60.0	60.1	63.7	52.5	70.1	44.9
Inadequate	8.2	7.0	9.9	13.5	3.6	15.0
Total	100.0	100.0	100.0	100.0	100.0	100.0
Ways to improve in-service training†						
More hours of training	87.7	89.5	86.6	76.8	87.9	87.5
More training in certain topics	87.9	89.4	86.4	79.8	80.7	99.0***
Training in teaching methods	90.3	96.4	74.4	79.8*	87.8	94.3
Separate training on specific topics	80.7	81.4	78.8	79.8	76.4	87.6
Teachers with in-service training within three years	(N=59)	(N=17)	(N=26)	(N=16)	(N=35)	(N=24)
Source of in-service training†						
National government	39.9	50.8	6.0	21.3**	37.7	42.5
School administration	9.1	9.5	3.6	18.5	2.6	16.9*
Separate institute/NGO/CBO	39.8	32.2	71.5	31.9*	45.6	32.7
Church	4.7	4.1	4.0	12.1	3.1	6.6

*p<.05. **p<.01. ***p<.001. †Multiple responses were allowed. Note: Percentages may not add to 100.0 because of rounding.

TABLE 5.2

Among teachers who received any pre-service or in-service training on sexuality education, percentage who had training in various topics and teaching methods, by county and school type

Topic and comprehensiveness	All (N=158)	County			School type	
		Nairobi (N=50)	Mombasa (N=58)	Homa Bay (N=50)	Public (N=101)	Private (N=57)
Topic						
Puberty/physical changes in body	80.4	78.6	83.4	89.2	77.4	85.4
Reproductive organs	80.4	80.0	80.4	83.2	76.6	86.7
Menstruation	82.1	84.5	75.5	74.3	79.2	86.7
Sexual behavior	84.1	84.5	79.7	87.7	86.2	80.7
Equality between men and women	78.7	79.4	76.6	77.3	74.6	85.4
Pregnancy and childbirth	81.8	81.4	81.2	85.9	78.0	88.1
Abortion	73.4	74.8	67.9	71.2	69.4	79.9
Contraceptive methods	73.9	74.8	70.5	72.3	70.3	79.8
How to use contraceptive methods	71.5	73.2	63.9	71.2	68.9	75.8
Where to get contraceptive methods	64.9	65.3	56.2	75.4	64.0	66.4
Sex in exchange for money or gifts	58.4	62.5	40.6	55.4	55.5	63.1
HIV/AIDS	92.4	92.0	94.0	93.1	91.9	93.2
Other STIs	94.0	93.8	92.9	97.3	95.9	91.0
Where to access STI/HIV services	84.1	86.0	78.1	79.6	82.5	86.7
Communicating within relationships	77.7	79.9	70.4	73.2	74.0	83.8
Decision-making skills	84.9	84.7	84.4	86.9	84.4	85.7
Prevention of violence/sexual abuse	77.1	78.3	70.2	79.0	73.4	83.3
Sexual orientation	63.9	64.0	64.2	63.0	62.4	66.4
Sexual and reproductive rights	76.1	74.5	80.3	81.1	71.9	83.0
Abstinence/saying no to sex/"chilling"	89.9	89.9	92.9	85.5	90.6	88.8
Moral issues related to sexuality	87.2	87.9	85.9	84.4	89.0	84.3
Positive living for young people living with HIV	87.1	87.9	83.0	87.9	88.5	84.8
Prevention of mother-to-child HIV transmission	80.0	81.0	77.0	77.1	74.9	88.3
Female genital mutilation	68.2	73.5	56.2	48.4*	61.9	78.7
Comprehensiveness of topics included in training†						
Minimum	75.2	74.8	72.1	82.5	71.4	81.4
Adequate	58.0	64.1	38.0	43.9*	57.9	58.0
High	36.0	40.6	18.2	30.1	37.1	34.3
Received training in teaching methods for sexuality education	62.4	60.6	65.6	70.5	60.3	66.0

* $p < .05$. †"Minimum" indicates at least one topic in each category; "adequate" indicates nearly all topics, except one at most, in each category; and "high" indicates all topics in each category. Levels are not mutually exclusive; for example, schools that meet the adequate level also meet the minimum level. *Note:* Percentages may not add to 100 because of rounding.

TABLE 5.3

Percentage of teachers and principals who reported accessibility and availability of resources for teaching sexuality education, by county and school type

Accessibility and availability of resources	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Teachers who cover sexuality education topics	(N=190)	(N=62)	(N=70)	(N=58)	(N=119)	(N=71)
Have access to general teaching support materials						
Goals, objectives and expected outcomes for topics	70.3	71.1	61.6	76.7	75.1	62.9
Teaching manual	69.4	71.6	61.0	66.1	66.5	73.8
Document describing the scope and sequences of instructions	58.0	59.4	55.0	52.0	67.8	43.2 *
Lesson plans or learning activities	57.8	56.0	65.3	59.8	55.6	61.0
Teaching or learning materials	78.0	77.9	71.5	88.9	75.9	81.2
Plans/tools for how to evaluate or assess students	48.1	44.9	58.6	56.0	53.7	39.6
Have access to out-of-classroom resources						
Teacher support group	30.0	31.1	19.4	38.6	24.2	38.9
Support from colleague teachers	72.5	75.2	63.4	65.7	75.6	67.9
Support from experts/NGOs/CBOs/health professionals	34.3	34.2	32.6	37.5	35.4	32.6
Internet resources (including social media)	47.2	42.2	63.0	60.6 *	47.8	46.2
Use of methodological materials						
National textbook for students	86.4	87.6	78.6	89.1	89.5	81.7
National manual for teachers	46.4	45.0	46.5	56.8	39.5	56.8
Materials developed by local/district/regional authority	6.0	5.9	4.8	9.1	9.2	1.3 **
Materials developed by school	17.1	16.0	17.7	24.1	18.1	15.4
Materials developed by teacher	30.7	25.3	50.5	41.0 *	40.4	16.2 *
Official materials developed in other countries or by international NGOs	8.3	8.5	6.1	9.8	9.6	6.2
Materials from in-country NGOs/CBOs/Kenya Science Teachers Association	18.2	15.3	21.2	35.6	20.0	15.4
Media sources (e.g., Internet, TV, magazines)	36.3	34.3	44.9	38.5	35.4	37.8
Principals	(N=73)	(N=22)	(N=26)	(N=25)	(N=43)	(N=30)
Ways to support sexuality education teachers						
Organize meetings to discuss/resolve issues or concerns	69.9	72.7	73.1	56.0	67.4	72.2
Support sexuality education and its teachers at board meetings, PTA meetings and other community events	50.2	45.5	38.5	80.0 *	60.9	40.4
Encourage teachers to discuss concerns and try to help	57.6	59.1	53.9	56.0	63.1	52.6
Invite outside experts to support teachers	58.8	54.6	65.4	68.0	69.9	48.7
Any of the above types of support	99.3	100.0	96.1	100.0	100.0	98.7

*p<.05. **p<.01.

TABLE 5.4

Percentage of teachers who reported a need for teaching support, and the perceived level of support for sexuality education from various sources, by county and school type

Need and support	All (N=190)	County			School type	
		Nairobi (N=62)	Mombasa (N=70)	Homa Bay (N=58)	Public (N=119)	Private (N=71)
Assistance required to teach more effectively†						
More factual information	44.4	42.7	46.5	54.5	46.5	41.4
More training	67.7	64.6	70.6	87.2	70.3	63.8
More teaching materials/strategies	57.1	52.7	71.4	68.8	62.4	49.2
Fewer restrictions on what can be taught	7.3	5.9	8.3	16.4	7.2	7.4
More support from school or community	22.0	19.0	23.2	42.4	25.9	16.1
Perceived level of support from sources						
Principal						
Very supportive	54.5	57.3	40.3	55.1	51.8	58.5
Supportive	34.0	30.0	47.5	43.4	36.9	29.6
Unsupportive	11.5	12.7	12.1	1.5	11.3	11.9
Other teachers at this school						
Very supportive	43.3	44.2	34.1	50.2	39.7	48.6*
Supportive	52.7	52.1	59.8	46.8	59.2	43.0
Unsupportive	4.0	3.7	6.1	2.9	1.0	8.4
Parents						
Very supportive	17.8	20.1	6.9	17.2	18.8	16.4
Supportive	49.0	45.8	58.8	59.1	55.7	39.1
Unsupportive	33.1	34.1	34.3	23.6	25.5	44.5
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. †Multiple responses were allowed. Notes: Significant difference was across the percentage distribution. Percentages may not add to 100.0 because of rounding.

TABLE 5.5

Among teachers who cover each topic, percentage who said they require more assistance, by county and school type

Topic	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Puberty/physical changes in body	17.3	16.8	14.3	26.2	22.4	10.1
Reproductive organs	14.9	12.0	18.8	31.1	20.9	6.1*
Menstruation	14.8	11.6	18.6	35.9*	22.0	4.6***
Sexual behavior	22.6	19.7	35.2	26.0	22.4	22.9
Equality between men and women	17.1	12.5	25.6	40.1*	17.7	16.3
Pregnancy and childbirth	17.7	12.1	35.1	34.8**	21.7	11.9
Abortion	24.2	21.0	37.8	28.8	30.3	15.6
Contraceptive methods	28.9	22.0	57.2	39.9**	32.7	23.2
How to use contraceptive methods	31.5	27.7	48.6	34.2	33.2	28.6
Where to get contraceptive methods	24.8	23.3	33.6	24.3	29.5	16.6
Sex in exchange for money or gifts	18.7	15.7	28.5	26.0	23.2	11.2
HIV/AIDS	21.5	15.3	32.6	52.7***	25.7	15.6
Other STIs	23.2	17.6	33.3	51.1**	27.8	16.7
Where to access STI/HIV services	17.3	13.7	26.3	30.7	17.9	16.5
Communicating within relationships	23.1	19.9	42.1	21.1	22.3	24.5
Decision-making skills	25.6	22.5	30.9	41.2	20.1	33.4
Prevention of violence/sexual abuse	31.8	26.4	46.9	51.6*	28.7	36.3
Sexual orientation	22.0	17.0	40.1	34.0**	23.4	19.6
Sexual and reproductive rights	19.2	13.2	37.5	38.4**	19.0	19.5
Abstinence/saying no to sex/"chilling"	16.5	15.2	17.8	24.1	19.0	12.8
Moral issues related to sexuality	22.6	19.3	34.9	28.7	20.2	26.0
Positive living for young people living with HIV	39.1	36.0	49.4	47.4	51.3	20.6**
Prevention of mother-to-child HIV transmission	28.2	25.9	36.1	32.7	31.7	22.2
Female genital mutilation	31.1	26.1	47.9	48.9*	37.6	21.2

*p<.05. **p<.01. ***p<.001.

TABLE 5.6

Percentage of principals who reported various school policies, by county and school type

Policy	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
ALL SCHOOLS	(N=73)	(N=22)	(N=26)	(N=25)	(N=43)	(N=30)
School has a child protection policy	97.8	100.0	96.2	92.0	98.5	97.2
Policy for cases of harassment						
If teachers are found to be harassing students						
Immediately fired or transferred	57.8	63.6	57.7	36.0	42.1	72.2
Given several warnings before they are fired	27.0	18.2	34.6	52.0	41.3	13.9
Temporarily suspended from teaching	3.6	4.6	0.0	4.0	7.6	0.0
Given a warning but are not fired or suspended	10.2	13.6	0.0	8.0	7.6	12.6
School does not have a policy	1.4	0.0	7.7	0.0	1.4	1.3
If students are found to be harassing other students						
Immediately expelled	24.8	31.8	19.2	4.0	16.7	32.2
Given several warnings before being expelled	28.5	22.7	50.0	28.0	43.5	14.8
Temporarily suspended from school	29.4	27.3	23.1	44.0	20.3	37.8
Given a warning but are not expelled or suspended	13.0	13.6	0.0	24.0	13.4	12.6
School does not have a policy	4.3	4.6	7.7	0.0	6.2	2.6
COEDUCATIONAL AND MALES-ONLY SCHOOLS	(N=61)	(N=18)	(N=22)	(N=21)	(N=35)	(N=26)
Policy if a boy gets a girl pregnant						
He would be allowed to continue his studies	60.1	61.1	50.0	66.7**	81.7	41.9***
He would be asked to stay home from school for a period of time	32.5	38.9	22.7	19.1	9.1	52.0
He would be sent away/transferred to a different school	7.5	0.0	27.3	14.3	9.1	6.1
COEDUCATIONAL AND FEMALES-ONLY SCHOOLS	(N=67)	(N=20)	(N=24)	(N=23)	(N=39)	(N=28)
Policy if a girl becomes pregnant						
She would be allowed to continue her studies	52.0	50.0	21.7	90.9*	48.6	55.0
She would be asked to stay home from school until she had the baby	44.0	45.0	73.9	9.1	51.4	37.5
She would be sent away/transferred to a different school	4.0	5.0	4.4	0.0	0.0	7.6
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. ***p<.001. Notes: Significant differences were across the percentage distributions. Percentages may not add to 100.0 because of rounding.

TABLE 5.7

Percentage of students who reported their perception of feeling safe at school, by county and gender

Perception of safety	All (N=2,484)	County			Gender	
		Nairobi (N=817)	Mombasa (N=808)	Homa Bay (N=859)	Male (N=1,101)	Female (N=1,374)
Feel safe expressing themselves in front of other students and teachers at this school						
Never	33.4	32.5	47.4	25.6***	29.2	36.1***
Sometimes	42.4	45.3	34.6	36.2	39.3	44.4
Always	24.3	22.2	18.0	38.3	31.5	19.5
Fear that other students or teachers may make fun of them/tease them at school						
Never	48.1	48.2	51.9	44.7	49.7	47.2
Sometimes	39.2	38.8	37.1	42.5	36.7	40.7
Always	12.7	13.0	11.1	12.8	13.6	12.2
Afraid that other students will physically harm them						
Never	66.3	67.4	70.4	58.0**	70.7	63.5*
Sometimes	25.0	24.5	21.2	30.2	20.5	27.8
Always	8.7	8.1	8.4	11.8	8.8	8.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. ***p<.001. Notes: Nine students were excluded from gender-specific indicators because they did not specify a gender. Significant differences were across the percentage distributions. Percentages may not add to 100.0 because of rounding.