

TABLE 4.1

Percentage of schools by selected aspects of sexuality education, as reported by principals, students and teachers, according to county and school type

Aspect	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
ACCORDING TO PRINCIPALS	(N=73)	(N=22)	(N=26)	(N=25)	(N=43)	(N=30)
Sexuality education included in curriculum						
Only as part of national curriculum	56.8	54.6	50.0	72.0	64.2	50.0
As extracurricular activity and as part of national curriculum	43.2	45.5	50.0	28.0	35.9	50.0
Total	100.0	100.0	100.0	100.0	100.0	100.0
Entity under which sexuality education taught†						
Government	55.9	50.0	57.7	76.0	65.6	47.0
NGO	23.9	27.3	15.4	20.0	21.0	26.5
Independent	26.0	27.3	15.4	32.0	34.4	18.2
Community	4.3	4.6	0.0	8.0	2.9	5.6
None	10.7	9.1	23.1	4.0	4.3	16.5
ACCORDING TO STUDENTS	(N=78)	(N=26)	(N=26)	(N=26)	(N=45)	(N=33)
Outside individuals who teach sexuality education†						
Health provider	68.3	61.5	65.4	100.0*	73.1	64.3
Religious person	86.0	88.5	65.4	96.2*	93.3	79.9
Peer educator	75.1	76.9	50.0	92.3*	92.0	61.0***
No Means No Club	42.7	38.5	65.4	38.5	31.6	52.1
ACCORDING TO TEACHERS	(N=77)	(N=25)	(N=26)	(N=26)	(N=45)	(N=32)
Hours dedicated to sexuality education each term						
Form 2						
<1	25.6	38.9	0.0	0.0*	15.3	35.1
1–5	18.0	22.2	13.6	5.6	26.5	10.3
6–10	22.9	16.7	40.9	27.8	23.7	22.2
>10	33.4	22.2	45.5	66.7	34.5	32.5
Form 3						
<1	0.7	0.0	0.0	4.2**	1.4	0.0
1–5	25.8	34.8	7.7	8.3	15.9	35.2
6–10	35.4	39.1	34.6	20.8	41.9	29.1
>10	38.2	26.1	57.7	66.7	40.8	35.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. ***p<.001. †Multiple responses were allowed. Notes: For percentage distributions, significant differences were across the distributions. Percentages may not add to 100.0 because of rounding.

TABLE 4.2

Percentage of students who have learned about sexuality education topics, by reported organizational aspects, according to county and school type

Aspect	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
STUDENTS WHO LEARNED ABOUT TOPICS	(N=2,427)	(N=793)	(N=789)	(N=845)	(N=1,602)	(N=825)
Subject in which sexuality education taught†						
Biology	68.5	68.4	64.1	72.2	64.0	74.3**
Physical education	8.5	7.1	6.5	15.8**	8.9	7.9
Religious education	37.0	37.3	34.0	38.4	31.3	44.5*
Home science	9.4	8.2	10.5	14.0	12.3	5.7*
Art and design	0.9	0.4	1.4	2.2**	1.1	0.5
Social ethics	8.7	6.8	6.7	18.8***	9.3	8.1
Life skills	78.4	82.7	62.6	72.8***	81.7	74.0
After-class/extracurricular program	26.7	28.5	21.1	23.5	24.1	30.2
Primary science	8.9	6.0	5.3	24.3***	11.0	6.2
Grade level in which sexuality education first received						
Standards 1–3	2.1	1.9	2.6	2.6	2.1	2.1
Standard 4	6.6	5.8	6.9	10.1	6.5	6.8
Standard 5	10.6	10.1	7.8	15.0	7.9	14.1
Standard 6	65.4	66.7	65.3	59.9	65.9	64.8
Standard 7	6.6	6.4	7.6	6.5	8.0	4.7
Standard 8	5.2	5.1	7.4	3.7	5.5	4.7
Junior high school	3.5	4.1	2.4	2.2	4.1	2.7
Desired timing of sexuality education						
Students who started learning in primary school	(N=2,357)	(N=757)	(N=772)	(N=828)	(N=1,555)	(N=802)
Would have liked to start earlier	30.7	24.9	43.4	44.4***	33.9	26.5
Would have liked to start later	4.0	4.1	4.4	3.4	4.7	3.2
Satisfied with timing	65.3	71.0	52.2	52.2	61.4	70.3
Students who started learning in junior high school	(N=68)	(N=35)	(N=17)	(N=16)	(N=46)	(N=22)
Would have liked to start earlier	35.8	34.8	41.3	38.6	32.3	42.5
Would have liked to start later	2.0	2.5	0.0	0.0	0.0	6.0
Satisfied with timing	62.2	62.7	58.7	61.4	67.7	51.5
STUDENTS WHO LEARNED IN COEDUCATIONAL SCHOOLS	(N=1,715)	(N=556)	(N=628)	(N=531)	(N=1,055)	(N=660)
Setting for sexuality education activities						
All taught with males and females together	45.8	43.1	53.4	49.9	42.9	49.6
Some taught together, some separately	45.0	45.7	38.9	47.4	48.4	40.4
All taught separately	9.3	11.2	7.7	2.7	8.7	10.0
Preference for sexuality education activities						
Males	(N=854)	(N=247)	(N=301)	(N=306)	(N=539)	(N=315)
Prefer all taught with males and females together	58.1**‡	56.5	67.5	56.2	58.4	57.8
Prefer some taught together, some separately	28.1	27.9	19.8	35.4	30.0	25.5
Prefer all taught separately	13.8	15.7	12.6	8.4	11.6	16.7
Females	(N=852)	(N=306)	(N=321)	(N=225)	(N=512)	(N=340)
Prefer all taught with males and females together	44.0	46.8	40.2	33.0*	42.7	45.7
Prefer some taught together, some separately	40.0	38.5	37.3	51.5	42.6	36.6
Prefer all taught separately	16.0	14.7	22.5	15.5	14.8	17.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. ***p<.001. †Multiple responses were allowed. ‡Male and female distributions were significantly different. Notes: For percentage distributions, significant differences were across the distributions. Percentages may not add to 100.0 because of rounding.

TABLE 4.3

According to teachers, percentage of schools in which sexuality education topics are taught, and the comprehensiveness in the range of topics, by county and school type

Category, topic and comprehensiveness	All (N=77)	County			School type	
		Nairobi (N=25)	Mombasa (N=26)	Homa Bay (N=26)	Public (N=45)	Private (N=32)
Sexual and reproductive physiology						
Puberty/physical changes in body	99.4	100.0	100.0	96.0	98.6	100.0
Reproductive organs	97.3	96.0	100.0	100.0	100.0	94.9
Menstruation	98.7	100.0	100.0	92.0*	97.3	100.0
Pregnancy and childbirth	99.4	100.0	100.0	96.0	98.6	100.0
All	94.8	96.0	100.0	84.6	94.6	94.9
HIV and STI prevention						
HIV/AIDS	100.0	100.0	100.0	100.0	100.0	100.0
Other STIs	100.0	100.0	100.0	100.0	100.0	100.0
Where to access HIV/STI services	97.3	96.0	100.0	100.0	100.0	94.9
Prevention of mother-to-child transmission	92.7	92.0	100.0	88.0	95.9	89.9
All	92.1	92.0	100.0	84.6	94.6	89.9
Contraception and unintended pregnancy						
Abortion	99.4	100.0	100.0	96.0	98.6	100.0
Contraceptive methods	94.8	96.0	96.2	88.0	95.9	93.8
How to use methods	87.4	88.0	92.3	80.0	91.8	83.6
Where to get methods	85.5	88.0	80.8	80.0	89.1	82.4
All	84.4	88.0	80.8	73.1	86.6	82.4
Values and interpersonal skills						
Sexual behavior	98.7	100.0	96.2	96.0	98.6	98.8
Decision-making skills	99.4	100.0	100.0	96.0	98.6	100.0
Communicating within relationships	91.4	92.0	88.5	92.0	94.6	88.7
Abstinence/saying no to sex/"chilling"	100.0	100.0	100.0	100.0	100.0	100.0
Moral issues related to sexuality	99.4	100.0	100.0	96.0	98.6	100.0
Sex in exchange for money or gifts	92.7	92.0	92.3	96.0	97.3	88.7
All	84.2	84.0	80.8	88.5	93.3	76.2*
Gender and SRH rights						
Sexual and reproductive rights	91.4	92.0	92.3	88.0	94.6	88.7
Equality between men and women	99.4	100.0	100.0	96.0	98.6	100.0
Prevention of violence/sexual abuse	99.4	100.0	100.0	96.0	98.6	100.0
Sexual orientation	90.8	92.0	84.6	92.0	93.2	88.7
Female genital mutilation	91.6	96.0	88.5	76.0	89.1	93.8
Positive living for young people living with HIV	96.7	96.0	100.0	96.0	98.6	94.9
All	87.1	92.0	80.8	73.1	86.6	87.5
Comprehensiveness of coverage†						
Minimum	99.4	100.0	100.0	96.2	98.7	100.0
Adequate	84.4	88.0	80.8	73.1	86.6	82.4
High	75.9	80.0	65.4	69.2	82.6	69.9

*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.

TABLE 4.4

Percentage of students who reported sexuality education topics taught, and the comprehensiveness in the range of topics, by county and school type

Category, topic and comprehensiveness	All (N=2,484)	County			School type	
		Nairobi (N=817)	Mombasa (N=808)	Homa Bay (N=859)	Public (N=1,623)	Private (N=861)
Sexual and reproductive physiology						
Puberty/physical changes in body	87.3	88.3	86.3	83.4	90.7	83.0
Reproductive organs	87.9	89.6	81.3	86.1	90.5	84.7
Menstruation	72.2	72.6	71.1	71.1	75.0	68.6
Pregnancy and childbirth	63.2	61.7	60.9	71.5*	65.7	60.0
All	46.8	45.7	43.1	54.4	52.1	40.0**
HIV and STI prevention						
HIV/AIDS	91.8	92.0	88.8	93.4	94.0	89.0
Other STIs	79.9	79.8	79.6	80.3	83.4	75.4
Where to access HIV/STI services	44.8	40.5	56.2	54.5***	48.3	40.4
All	40.8	36.6	51.4	50.4***	44.7	35.9*
Contraception and unintended pregnancy						
Abortion	40.0	36.2	40.0	56.4***	44.2	34.7*
Contraceptive methods	20.1	16.8	25.3	30.3***	20.7	19.3
How to use methods	12.5	9.1	17.4	23.4***	14.3	10.3
Where to get methods	15.1	12.7	19.4	21.9***	15.9	14.0
All	6.9	4.5	9.3	15.2***	8.6	4.7
Values and interpersonal skills						
Sexual behavior	59.8	58.9	52.7	69.1*	64.6	53.6*
Decision-making skills	66.2	70.1	46.6	65.4***	68.5	63.3
Communicating within relationships	37.1	37.4	29.9	41.6*	38.5	35.3
Abstinence/saying no to sex/"chilling"	83.9	84.5	74.1	89.5**	87.0	80.1
Moral issues related to sexuality	45.9	44.7	41.5	54.5**	49.8	41.0***
Sex in exchange for money or gifts	46.5	47.9	33.4	51.3***	49.8	42.5**
All	13.5	12.9	8.6	19.9**	16.3	9.9
Gender and SRH rights						
Sexual and reproductive rights	36.6	35.8	29.1	46.3*	42.6	29.0**
Equality between men and women	42.8	41.6	51.6	41.0*	42.9	42.6
Prevention of violence/sexual abuse	56.5	57.4	36.2	69.2***	62.3	49.2**
Sexual orientation	38.6	37.6	29.7	50.4***	41.3	35.3
Female genital mutilation	37.5	37.6	35.4	39.2	38.6	36.2
Positive living for young people living with HIV	55.2	54.2	55.0	59.6	58.4	51.2
All	8.2	8.1	5.5	10.6	9.7	6.3
Comprehensiveness of coverage†						
Minimum	46.0	42.8	44.8	60.9***	49.0	42.3
Adequate	4.7	3.4	4.4	10.6***	6.6	2.2**
High	2.2	1.5	1.9	5.6***	3.2	0.9**

*p<.05. **p<.01. ***p<.001. †"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.

TABLE 4.5

Percentage of students who reported their desire to learn more about sexuality education topics, by county and school type

Category and topic	All (N=2,484)	County			School type	
		Nairobi (N=817)	Mombasa (N=808)	Homa Bay (N=859)	Public (N=1,623)	Private (N=861)
Sexual and reproductive physiology						
Puberty/physical changes in body	61.8	56.4	75.5	61.8 ^{***}	61.2	62.7
Reproductive organs	63.6	59.3	73.3	63.6 ^{**}	62.3	65.1
Menstruation	62.5	60.3	66.5	62.5	60.4	65.1
Pregnancy and childbirth	64.6	62.3	69.2	64.6	64.3	65.1
HIV and STI prevention						
HIV/AIDS	62.9	58.1	71.9	62.9 ^{**}	64.3	61.2
Other STIs	66.5	63.2	72.4	66.5 [*]	65.5	67.7
Where to access HIV/STI services	61.2	57.3	68.9	61.2 [*]	63.8	57.9
Contraception and unintended pregnancy						
Abortion	67.6	66.9	68.8	67.6	66.4	69.1
Contraceptive methods	68.2	67.1	69.1	68.2	67.5	69.1
How to use methods	66.1	64.9	66.7	66.1	66.6	65.3
Where to get methods	61.7	59.5	64.1	61.7	63.7	59.3
Values and interpersonal skills						
Sexual behavior	68.8	66.5	70.9	68.8	67.0	71.1
Decision-making skills	71.7	70.4	73.6	71.7	71.2	72.5
Communicating within relationships	66.2	65.4	65.3	66.2	65.9	66.6
Abstinence/saying no to sex/"chilling"	64.9	61.7	68.8	64.9 [*]	66.3	63.0
Moral issues related to sexuality	67.4	65.8	69.8	67.4	67.9	66.8
Sex in exchange for money or gifts	57.4	54.7	61.3	57.4	61.1	52.8
Gender and SRH rights						
Sexual and reproductive rights	68.1	66.9	66.8	68.1	68.3	67.8
Equality between men and women	66.9	64.8	69.9	66.9	68.6	64.8
Prevention of violence/sexual abuse	68.4	67.3	64.2	68.4	68.5	68.2
Sexual orientation	65.5	64.7	63.2	65.5	65.6	65.4
Female genital mutilation	70.2	69.4	69.7	70.2	70.2	70.3
Positive living for young people living with HIV	64.8	61.7	73.0	64.8	66.9	62.1

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

TABLE 4.6

Percentage of teachers who followed a curriculum when teaching sexuality education and who reported the strength of messages taught, by county and school type

Curriculum use and strength of message	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Teachers who cover sexuality education	(N=190)	(N=62)	(N=70)	(N=58)	(N=119)	(N=71)
Follow a curriculum	94.3	96.0	87.8	91.2	95.0	93.3
Strength of message among those who use a curriculum	(N=174)	(N=58)	(N=61)	(N=55)	(N=108)	(N=66)
Having sexual relationships is dangerous for young people						
Very strong	58.6	54.1	74.1	71.8	63.3	51.4
Not very strong	32.6	35.3	21.6	27.5	27.0	41.1
Not at all	8.8	10.7	4.3	0.8	9.7	7.5
Having sexual relationships is immoral for young people						
Very strong	57.5	51.9	81.4	66.8*	54.9	61.4
Not very strong	34.0	38.5	15.4	26.1	36.9	29.6
Not at all	8.5	9.7	3.2	7.1	8.3	8.9
Young people have the right to know everything about relationships and SRH						
Very strong	51.4	43.7	77.6	73.7***	53.2	48.6
Not very strong	36.7	41.5	20.2	23.0	34.4	40.2
Not at all	11.9	14.8	2.2	3.3	12.4	11.1
Young people should avoid having sex before they are married						
Very strong	64.2	57.8	86.8	82.1**	66.3	61.0
Not very strong	23.1	27.0	10.0	11.9	17.4	31.9
Not at all	12.7	15.2	3.2	6.0	16.3	7.1
Young people should protect themselves when they have sex (by using condoms)						
Very strong	33.9	29.6	38.0	60.9	28.2	42.6
Not very strong	39.0	39.9	45.1	22.9	44.7	30.2
Not at all	27.2	30.5	16.9	16.2	27.1	27.3
Homosexuality is unnatural						
Very strong	49.4	46.7	61.0	54.5**	50.2	48.3
Not very strong	12.7	9.5	25.8	18.7	13.1	12.2
Not at all	37.8	43.8	13.3	26.7	36.7	39.6
Abortion is immoral						
Very strong	66.8	62.8	77.1	83.2	65.5	68.9
Not very strong	18.2	19.8	16.5	7.9	14.9	23.2
Not at all	15.0	17.4	6.5	8.9	19.7	7.9
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 4.7

Percentage of teachers who covered contraceptives and various contraception messages in their sexuality education classes, by county and school type

Topic and message	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Those who teach sexuality education	(N=190)	(N=62)	(N=70)	(N=58)	(N=119)	(N=71)
Abstinence/saying no to sex/"chilling"	91.1	91.4	87.1	94.9	87.2	96.9
Contraceptives	82.9	83.1	79.3	87.0	82.1	84.2
Those who teach about contraceptives	(N=158)	(N=52)	(N=55)	(N=51)	(N=97)	(N=61)
Specific method†						
Condoms	97.7	98.5	94.1	96.6	98.0	97.3
Pill	60.6	63.2	48.2	59.4	52.1	73.1
Injectable (Depo-Provera)	46.6	46.4	41.5	54.5	39.9	56.3
Implant (Jadelle, Norplant, etc.)	38.5	38.1	33.2	48.4	32.2	47.7
Intrauterine device (IUD, coil)	43.8	45.2	35.2	46.2	37.7	52.9
Emergency contraception (E-pill)	47.8	49.5	50.6	32.3	41.3	57.5
Male or female sterilization	39.2	43.1	24.6	31.3	37.3	41.9
Foam/gel/suppository	23.8	26.7	15.3	15.2	18.9	31.0
Sponge/diaphragm/cervical cap	26.8	27.7	24.0	24.3	25.1	29.3
Rhythm (calendar)	43.9	45.4	43.1	34.3	42.4	46.1
Withdrawal	39.0	42.5	32.3	23.1	30.4	51.5
Other traditional methods	13.6	16.6	6.6	1.1*	10.3	18.4
Emphasis regarding pregnancy prevention						
Contraceptives can be effective	65.1	67.0	52.7	68.4	59.4	73.4
Contraceptives are not effective	20.8	21.0	22.0	17.7	23.2	17.3
Do not teach about contraceptives and pregnancy	14.1	12.0	25.3	13.9	17.4	9.4
Those who teach about condoms	(N=155)	(N=51)	(N=54)	(N=50)	(N=95)	(N=60)
Emphasis regarding pregnancy prevention						
Condoms alone are effective	24.7	22.7	33.2	28.0	19.8	32.2
Condoms alone are not effective	58.2	60.4	42.7	62.2	56.7	60.5
Do not teach about condoms and pregnancy	17.1	16.9	24.1	9.8	23.5	7.3
Emphasis regarding HIV/STI prevention						
Condoms can be effective	69.1	71.8	57.2	66.7*	69.8	68.1
Condoms are not effective	26.7	27.1	27.5	22.8	26.3	27.1
Do not teach about condoms and HIV/STIs	4.3	1.1	15.3	10.5	3.8	4.8
Those who teach about abstinence	(N=154)	(N=50)	(N=53)	(N=51)	(N=93)	(N=61)
Emphasis regarding prevention of STIs/pregnancy						
Abstinence is one alternative	29.6	32.0	25.5	18.0**	25.1	35.4
Abstinence is the best of many alternatives	62.8	65.0	50.5	63.6	67.7	56.2
Abstinence is the only method/way	7.7	3.0	24.0	18.4	7.2	8.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. †Multiple responses were allowed. Notes: For percentage distributions, significant differences were across the distributions. Percentages may not add to 100.0 because of rounding.

TABLE 4.8

Among students exposed to sexuality education, percentage who learned about selected messages and who reported strength of messages, by county and school type

Message and strength	All (N=2,427)	County			School type	
		Nairobi (N=793)	Mombasa (N=789)	Homa Bay (N=845)	Public (N=1,602)	Private (N=825)
Message†						
How to make positive decisions and stick to them	77.7	80.4	65.4	76.3**	82.4	71.7*
Recognizing forced sexual contact	36.3	38.4	25.2	36.7**	38.3	33.8
How alcohol and drugs affect sexual behavior	70.4	69.3	71.1	74.4	75.1	64.3**
Respect for yourself and others, no matter gender or social status	87.7	90.7	75.7	84.6***	88.4	86.9
Signs and symptoms of STIs and HIV	81.7	81.1	83.5	82.9	84.6	78.0
Ways to prevent HIV infection	89.2	88.7	87.8	92.2	92.7	84.6**
How to talk to a partner about getting an HIV test	38.4	36.1	36.4	49.9	43.0	32.4
Ways to prevent pregnancy	62.9	59.9	59.9	77.9***	68.7	55.3***
How to communicate with partner about using a contraceptive, including condoms	21.7	18.0	24.3	35.3***	24.2	18.5
What to do if you get pregnant/get a girl pregnant	25.4	24.0	20.4	35.2***	26.0	24.6
Strength of message						
Having sex is dangerous for young people						
Very strong	74.6	71.9	73.1	87.2***	79.2	68.5**
Not very strong	21.1	23.5	21.3	10.6	18.0	25.3
Not at all	4.3	4.6	5.5	2.2	2.8	6.3
Don't have sex before you are married						
Very strong	78.1	76.4	77.0	86.2**	81.6	73.6**
Not very strong	18.1	19.6	18.8	11.1	15.8	21.1
Not at all	3.8	4.0	4.2	2.7	2.6	5.3
It is best that youth avoid having sex, but if they do, they should use condoms						
Very strong	44.2	38.9	51.4	61.1***	48.1	39.0
Not very strong	33.6	36.3	29.4	25.6	31.6	36.3
Not at all	22.3	24.9	19.2	13.3	20.4	24.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

*p<.05. **p<.01. ***p<.001. †Multiple responses were allowed. Notes: For percentage distributions, significant differences were across the distributions. Percentages may not add to 100.0 because of rounding.

TABLE 4.9

Percentage of teachers who reported various classroom activities used in sexuality education classes, by county and school type

Classroom activity	All (N=190)	County			School type	
		Nairobi (N=62)	Mombasa (N=70)	Homa Bay (N=58)	Public (N=119)	Private (N=71)
Lecture/talk	87.2	85.0	95.0	91.9	79.7	98.5***
Small-group discussions	81.4	82.9	77.3	76.2	85.7	74.9
Quizzes	74.3	74.3	71.3	79.2	70.5	80.1
Charts/drawings	70.6	72.6	64.2	66.0	66.3	77.2
Creative, participatory learning activities†	68.9	65.9	74.6	82.4	64.9	74.9
Assignments (e.g., essays)	65.3	63.5	75.2	63.4	67.3	62.3
Internet/social media	39.8	41.0	41.3	28.1	43.8	33.8
Audio-visual (film, video, radio)	36.5	37.6	36.6	27.9	32.5	42.6

***p<.001. †Includes role playing, theater, drama, debates, art projects, dance, poems and storytelling.

TABLE 4.10

Percentage of students who reported various classroom activities and who wanted to engage in them, by county and school type

Classroom activity	All (N=2,427)	County			School type	
		Nairobi (N=793)	Mombasa (N=789)	Homa Bay (N=845)	Public (N=1,602)	Private (N=825)
Reported activity						
Lecture/talk	65.3	65.9	66.8	61.6	67.6	62.3
Small-group discussions	44.2	42.3	32.1	62.0***	48.7	38.4*
Quizzes	19.8	18.8	11.2	31.1***	23.1	15.5**
Charts/drawings	13.3	10.9	13.4	23.7***	15.4	10.7
Creative, participatory learning activities†	60.5	54.5	66.4	81.4***	62.6	57.7
Assignments (e.g., essays)	19.9	17.2	16.9	33.8***	19.7	20.1
Internet/social media	18.7	19.2	18.4	16.6	19.3	17.9
Audio-visual (film, video, radio)	26.3	24.3	24.9	35.7*	28.3	23.6
Wanted to engage in activity						
Lecture/talk	51.7	48.4	52.3	65.5***	51.2	52.4
Small-group discussions	49.0	47.2	37.5	66.2***	51.1	46.3
Quizzes	19.8	18.3	12.1	32.3***	20.4	19.0
Charts/drawings	21.4	20.5	15.5	29.9**	19.8	23.4
Creative, participatory learning activities†	77.7	77.8	69.3	83.8*	77.9	77.4
Assignments (e.g., essays)	16.0	13.2	13.4	30.0***	16.1	15.8
Internet/social media	41.3	44.0	31.5	37.3	37.1	46.7
Audio-visual (film, video, radio)	54.7	56.6	47.1	52.5	54.5	54.8

*p<.05. **p<.01. ***p<.001. †Includes role playing, theater, drama, debates, art projects, dance, poems and storytelling.

TABLE 4.11

Percentage of teachers who reported use of teaching aids and classroom experiences, by county and school type

Teaching aid and classroom experience	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
Those who teach sexuality education	(N=190)	(N=62)	(N=70)	(N=58)	(N=119)	(N=71)
Teaching aid						
Written materials	81.4	79.8	80.8	94.6	86.6	73.6
Charts	61.5	62.0	55.7	66.3	61.4	61.6
Other audio-visual	24.3	25.5	20.4	21.1	23.0	26.2
Demonstration kits	7.9	6.9	7.1	16.4	6.9	9.4
Classroom experience						
Questions are answered in front of others	95.1	94.3	96.7	98.5	95.8	94.0
Questions are answered in private	84.3	83.2	87.5	87.9	78.8	92.6
Students are referred to someone else for answer	62.9	60.9	62.3	78.1	63.3	62.1
Teachers feel restricted by the school	7.9	6.5	9.9	15.6	4.6	12.9
Questions not answered because they feel inappropriate/ teacher feels uncomfortable/teacher does not know answer	44.7	45.8	32.4	54.7	43.1	47.1
Questions are submitted anonymously on paper	67.6	71.5	43.8	74.8*	62.1	75.9
Those who teach about contraceptives	(N=158)	(N=52)	(N=55)	(N=51)	(N=97)	(N=61)
Show methods so students see how they work	9.5	8.2	15.6	9.8	7.6	12.4
Show the proper way to use a condom	27.2	26.6	22.6	38.8	15.8	44.3**
Give information about services where adolescents can get methods/counseling	52.2	51.1	50.6	62.8	46.1	61.4

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

TABLE 4.12

Percentage of teachers and students who reported various sexuality education classroom experiences, by county and school type

Classroom experience	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)
Classroom experience						
Embarrassment about topics or terms	37.4	39.8	32.4	26.6	29.9	48.6
Topics/content that contradict religious, traditional and personal beliefs or values	27.0	24.8	32.6	35.6	22.2	34.4
Pushback/opposition from students	31.2	32.3	25.6	31.2	28.2	35.7
Pushback/opposition from parents or community	13.8	13.5	19.3	7.0	15.7	10.8
Lack of participation from students	25.2	26.7	19.0	23.4	27.7	21.5
Lack of time	46.2	48.1	40.3	41.1	37.9	58.7
Lack of training or sufficient knowledge	38.0	39.7	33.1	33.1	37.2	39.3
Lack of resources or teaching materials	52.4	53.1	49.5	51.5	46.1	61.8
Restrictions/bans on teaching certain topics	19.3	21.6	10.9	15.1	19.3	19.2
Students who have received sexuality education	(N=2,427)	(N=793)	(N=789)	(N=845)	(N=1,602)	(N=825)
Classroom experience						
Too many people in the class	27.5	21.4	38.3	44.6 ^{***}	30.8	23.1
Students not paying attention/being disruptive	22.4	21.7	23.4	24.4	23.4	21.1
Students embarrassed to talk about topics	46.6	45.8	48.0	48.5	48.3	44.3
Students excited to learn about topics	72.2	73.0	59.4	78.9 ^{**}	72.2	72.1
Teacher embarrassed to talk about topics	19.0	19.3	16.1	20.1	18.7	19.4
Teacher doesn't know enough about topic	8.2	8.7	6.0	7.5	8.0	8.4
Reason for not asking a question						
Too embarrassed	47.0	45.8	42.9	55.3 ^{**}	49.7	43.4 [*]
Not enough time	18.0	14.6	19.4	31.2 ^{***}	20.4	14.8
Thought the teacher would not know the answer	9.3	9.4	5.3	12.3 ^{**}	9.1	9.6
Afraid to offend or embarrass someone	31.9	30.3	24.5	45.1 ^{***}	33.7	29.7
Afraid the teacher/students would shut him/her down	23.0	21.5	19.1	32.4 ^{***}	23.1	22.9
Other students or the teacher were not listening	4.5	3.9	3.6	7.6 ^{**}	4.7	4.2
Never had a question that did not ask	26.1	28.3	27.4	15.9 ^{***}	22.8	30.5 [*]

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

TABLE 4.13

Percentage of schools that use various teacher and student evaluation measures for sexuality education topics, by county and school type

Evaluation	All	County			School type	
		Nairobi	Mombasa	Homa Bay	Public	Private
ACCORDING TO PRINCIPALS						
All schools	(N=73)	(N=22)	(N=26)	(N=25)	(N=43)	(N=30)
Frequency of teacher evaluation						
Several times a term	16.9	9.1	46.2	16.0	14.8	18.8
Once a term (or several times a year)	39.6	40.9	38.5	36.0	37.3	41.7
Once a year or less	5.0	4.6	0.0	12.0	10.5	0.0
Never	38.5	45.5	15.4	36.0	37.3	39.5
Total	100.0	100.0	100.0	100.0	100.0	100.0
Schools where teachers are evaluated						
Schools where teachers are evaluated	(N=50)	(N=12)	(N=22)	(N=16)	(N=27)	(N=23)
Method of teacher evaluation						
Class observation	78.1	83.3	72.7	68.8	68.8	87.0
Oral assessment (one-on-one conversation)	36.4	16.7	68.2	56.3*	32.3	40.3
Written assessment	41.8	41.7	45.5	37.5	48.0	36.0
ACCORDING TO TEACHERS						
All schools	(N=77)	(N=25)	(N=26)	(N=26)	(N=45)	(N=32)
Student examination						
External exam	96.0	96.0	100.0	92.3	97.3	94.9
End-of-term/year exam	73.4	68.0	88.5	80.8	80.5	67.2
Continuous assessment tests	92.7	92.0	100.0	88.5	96.0	89.9
Method of student assessment						
Oral assessment	54.8	60.0	57.7	30.8	58.9	51.2
Written exam/test	96.0	96.0	100.0	92.3	97.3	94.9
Projects	18.7	24.0	11.5	3.9	19.9	17.6
Practical demonstrations	16.9	12.0	26.9	26.9	23.6	11.0
Presentations	40.3	44.0	38.5	26.9	50.5	31.3
Group work	40.6	36.0	53.9	46.2	45.8	36.0
Aspect of student learning assessed						
Knowledge	94.8	96.0	100.0	84.6	94.6	94.9
Attitudes	73.6	72.0	73.1	80.8	90.6	58.6**
Practical/life skills	77.1	80.0	76.9	65.4	80.8	73.8

*p<.05. **p<.01. Note: Percentages may not add to 100.0 because of rounding.