

Characteristic of the included OMI-studies

OMI	Study	Study-type	Country	Population ^a description, sample size, age range, mean age $\pm$ SD, % female		
				Design	Pilot	Validation ^b
Adolescent Health Attitude and Behavior Survey (AHABS)	Reininger et al. (2003)	DV	USA	NA	High School Students <i>N</i> =755 Grade 9-12	High School Students <i>N</i> =4368 14-17y, <i>Mdn</i> =15y 53%f
The Adolescent Masculinity Ideology in Relationships Scale (AMIRS)	Chu et al. (2005)	DV	USA	Adolescent boys <i>N</i> =65 12-18y	Adolescent boys <i>N</i> =34 13-15y, <i>M</i> =14y Adolescent boys <i>N</i> =27 14-17y, <i>M</i> =14.5y	7th grade boys <i>N</i> =114 10-14y, <i>M</i> =12.2y 8th grade boys <i>N</i> =133 12-15y, <i>M</i> =13.5y High school boys <i>N</i> =31 15-18y, <i>M</i> =16.8y
Untitled	Stevens-Simon et al. (2005)	DV	USA	NA	Adolescent females <i>N</i> =22	Adolescent females <i>N</i> =351 10-19y, <i>M</i> =16.4y $\pm$ 1.5y
Relational Entitlement and Proprietariness Scale (REPS)	Hannawa et al. (2006)	DV	USA	Hispanic undergraduate students <i>N</i> =103	NA	Undergraduate students <i>N</i> =279 18-39y, <i>M</i> =18.92y $\pm$ 1.98y 51.3%f
The Cognitive Susceptibility Index	L'Engle et al. (2006)	DV	USA	Middle school students <i>N</i> =6 focus groups Grade 7	NA	Middle school students <i>N</i> =1017 12-15y, <i>M</i> =13.7y 49.6%f
The Sexual Self-Concept Inventory (SSCI)	O'Sullivan et al. (2006)	DV	USA	Girls <i>N</i> =68 12-14y	unclear	Girls <i>N</i> =180 12-14y, <i>M</i> =13.1y* $\pm$ 0.73y*

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The Measure of Adolescent Heterosocial Competence (MAHC)	Grover et al. (2007)	P	USA	NA	NA	NA
	Grover et al. (2005)	DV		Adolescents N=150* 14-19y 55,33%f* Adolescents N=157 14-19y 45.78%f*	Adolescents N=198* 14-19y 68.18%f*	Adolescents N=208* 14-18y, M=15.96y±1.18y 50%f*
Untitled	Roye et al. (2007)	D	USA	NA	Black and Latina teenage women	NA
The HIV Knowledge Questionnaire for Adolescent Girls (HIV-KQ AG)	Volpe et al. (2007)	DV	USA	NA	NA	Single sexually active adolescent girls N=62 15-19y, M=17.3y±1.4y
Untitled	Deardorff et al. (2008)	DV	USA	Sexually active Latino youth N=55 16-22y	N=42	Sexually active Latino youth N=694 16-22y, M=18.47y±1.65y 61%f
				Sexually active Latino youth N=24 16-22y		
The Parent-Adolescent Communication Scale (PACS)	Sales et al. (2008)	DV	USA	African American female adolescents N= 40 14-18y	African American female adolescents N= 15 14-18y	Single sexually active african American female adolescents N=522 14-18y, M=16y±1.2y
The Worry About Sexual Outcomes (WASO) Scale	Sales et al. (2009)	DV	USA	African-American adolescent females N=40	Sexually active African-American adolescent females N=15 14-18y	Heterosexually active African-American adolescent females N=522 14-18y, M=16y±1.2y

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Reproductive Health Scale (RHS)	Saydam et al. (2010)	DV	Turkey	NA	Turkish university students <i>N</i> =15 17-30y	Turkish university students <i>N</i> =668 17-30y, <i>M</i> =18.9 $\pm$ 1.6y 44.3%f
Adolescent Clinical Sexual Behavior Inventory-Self-Report (ACSBI-S)	Friedrich et al. (2004)	DV	USA	NA	Teenagers receiving inpatient treatment <i>N</i> =23	Teenagers <i>N</i> =174 12-18y, <i>M</i> =15.0y $\pm$ 1.4y 53.4%f
	Wherry et al. (2009)	V		NA	NA	Teenagers <i>N</i> =141 12-19y, <i>M</i> =15.11 $\pm$ 1.4y 55%f
An HIV/AIDS knowledge scale for adolescents	(Mũkoma et al., 2009)	DV	South Africa Norway Tanzania	NA	Students <i>N</i> ≈150 "Grades of interest"	High school and primary school students <i>N</i> =217 Grade 5-6 High school and primary school students <i>N</i> =295 Grade 8 High school and primary school students <i>N</i> =120 Grade 8
	Aarø et al. (2011)	V		NA	NA	Students <i>N</i> =15782 <i>M</i> =13.5y, 84.8%=12-15y 51.5%f
Adolescent Sexual Expectancies Scale (ASEXS)	Bourdeau et al. (2011)	DV	USA	NA	NA	Youth <i>N</i> =1105 10-17y, <i>M</i> =14.1y

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Untitled	Buhi et al. (2011)	DV	USA	NA	NA	Texas middle school youth, Wave 1 <i>N</i> =451 Grade 7-8 63.1%f Texas middle school youth, Wave 2 <i>N</i> =448, <i>M</i> =13.19y±0.745y 59.3%f
Sexual Motivations Scale – Revised (SMS-R) & Motivations Against Sex Questionnaire (MASQ)	Patrick et al. (2011)	DV	USA	NA	NA	High school students <i>N</i> =1653 17-20y, <i>M</i> =17.99y±0.73y 58.4%f*
The Sexual Attitudes and Experiences Scale (SAES)	Tobin (2011)	DV	USA	NA	Undergraduate college students <i>N</i> =202 at least 17y, 62%=17-19y 52%f	Undergraduate college students <i>N</i> =455 at least 17y, 52%=17-19y 65%f
The Perceived Heterosexism Scale (PHS) & The Preoccupation with Disclosure of Parents' Sexual Orientation Scale (PDPSOS)	Vyncke et al. (2011)	DV	Canada	NA	NA	Adolescent children of lesbian mothers <i>N</i> =64 12-18y, <i>M</i> =15.43y±1.71y 55%f*
The Adolescent Attitudes to Abortion Scale (AAA Scale)	Skinner et al. (2008)	P	Australia	Sexually active adolescent females <i>N</i> =68 14-19y, <i>Mdn</i> =17y	NA	NA
	Skinner et al. (2009)	P		Sexually active adolescent females <i>N</i> =68 14-19y, <i>Mdn</i> =17y	NA	NA
	Hendriks et al. (2012)	DV		NA	NA	Adolescents <i>N</i> =406 12-19y 50%f

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The Jamaican Maternal Sexual Role Modelling (Jamaican MSRM) Questionnaire	Hutchinson et al. (2007)	P	USA Jamaica	NA	NA	NA
	Hutchinson, Kahwa, et al. (2012)	P		Jamaican female adolescents $N=46$ 14-18y, $M=16.4y$	NA	NA
	Hutchinson, Smith, et al. (2012)	DV		NA	NA	Jamaican female adolescents $N=209$ $M=15.1y\pm 2.1y$
The Relationship Options Survey (ROS)	Luszczakoski & Rue (2012)	DV	USA	NA	NA	Young Adults $N=201$ 18-19y 60% f
The Homophobic Bullying Scale	Prati (2012)	DV	Italy	unclear	Italian high school students $N=104$	Italian public high school students $N=863$ 15-22y, $M=17.26y\pm 1.59y$ 60.7% f
The Comfort with Sexual Matters for Young Adolescents scale (CWSMYA)	Rye et al. (2012)	DV	Canada	NA	NA	Girls $N=883$, $M=12.5y$ University students $N=55$ 18-20y, $M=18y$, $SD<1y$ 70.9% f^*
Alcohol and Sexual Consent Scale	Ward et al. (2012)	DV	USA	NA	NA	First year students $N=462$, $M=18.26y\pm 1.53y$
The Social Dating Goals Scale-Revised (SDGS-R)	Zimmer-Gembeck et al. (2012)	DV	Canada	$N=10$ 19-22y 50% f	NA	Late Adolescents $N=121$ 16-19y
The Contraceptive Behavior Scale (CBS)	Wang et al. (2013)	DV	Taiwan	Sexually active female adolescents without experience of unintended pregnancy $N=3$	Sexually active female adolescents $N=3$	Female students $N=2325$ 15-19y, $M=17.24y\pm 0.86y$

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The Attitudes Toward Condom Use Scale (ATCUS)	Masa & Chowa (2014)	DV	USA South Africa	NA	Ghanaian junior high school students N=51 students N=20	Ghanaian youth N=6252, M=15.33y 51%f
Scale of Knowledge about Sexually Transmitted Infections	Nelas et al. (2014)	DV	Portugal	NA	NA	Adolescents N=840 Grade 9
Measurement of Bystander Intervention in Bullying and Sexual Harassment	Nickerson et al. (2014)	DV	USA	NA	NA	High school students N=662 13-20y, M=16.11y±1.28y
Maternal Health Literacy Scale (MaHeLi Scale)	Guttersrud et al. (2015)	DV	Norway	NA	NA	Pregnant adolescents N=384 15-19y
Untitled	Mushwana et al. (2015)	DV	South Africa Canada	NA	NA	Female adolescents N=147 10-20y, 17.8%=10-15y, 82.2%=16-20y
Cyberdating Q_A	Sánchez et al. (2015)	DV	Spain	Secondary school students N=16 14-17y 50%f*	First-year teacher-training university students N=90 M=18.9y±0.88y	Adolescents and young adults N=626 12-21y, M=15.13y±1.34y 48.6%f*
Sexual Health Questionnaire	Acharya et al. (2016)	DV	UK	Pupils	Pupils N=24 14-18y, M=15.75y±1.07y 91.67%f*	Secondary school pupils (Nepal) N=259 M=15.38y±1.00y 56.37%f
The Sexting Motivations Questionnaire (SMQ)	Bianchi et al. (2016)	DV	Italy	NA	NA	Total N=509 13-35y, M=21.4y±4.6y 63.7%f (Subgroups: Adolescents & Young adults)

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Sexual Self-Concept (SSC) Scale	Biney (2016)	DV	Ghana	Adolescents $N=50$ 12-19y 46%f*	NA	Adolescents $N=196$ 12-19y, 34.7%=12-14y, 33.7%=15-17y, 31.6%=18-19y 52%f*
Untitled	Jerman et al. (2015)	DV	USA	Hispanic Adolescents	Adolescents from the target population	Hispanic students $N=86$ 15-17y, $M=15.58y \pm 0.54y^*$ 48.8%f Hispanic students $N=202$ 13-16y, $M=14.14y \pm 0.52y^*$ 50%f Hispanic students $N=291$ 13-16y, $M=14.19y \pm 0.58y^*$ 54.6%f
Measures of Adolescents' Attitudes about Sexual Relationship Rights	Berglas et al. (2017)	DV	USA	Youth $N=16$	Students in the target communities $N>700$ Grade 9	Students $N=655$ 9% $\leq$ 13y, 90%=14-15y, 1% $\geq$ 16y 51%f
Scale for the Assessment of Sexual Standards among Youth (SASSY)	Emmerink et al. (2017)	DV	Netherlands	NA	NA	Heterosexual adolescents $N=465$ 16-20y, $M=18.08y \pm 1.34y$ 54.8%f
Condom Use Barriers Scale for Adolescents (CUBS-A)	Escribano et al. (2017)	DV	Spain	NA	Small sample $N=10$ 48.5%f*	Adolescents $N=629$ 13-18y, $M=15.17y \pm 1.09y$
Attitudes Toward Sex Education (ATSES)	Sim-Sim & Viana (2017)	DV	Portugal	NA	Students $N=15$	Students $N=186$ 12-18y, $M=14y \pm 1.51y$ 48.1%f*
The Makeup Questionnaire (MUQ) The Sexualized Clothing Questionnaire (SCQ)	Smith et al. (2017)	DV	USA	Undergraduate women $N=27$	NA	First-year college women $N=403$ 18-32y, $M=18.79y \pm 1.14y$

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Belief-Based Reproductive Health Questionnaire (BBRHQ)	Darabi et al. (2018)	DV	Iran	Participants N=40	Adolescent girls N=10 12-15y	Female students N=289 12-15y, M=14.26y±0.96y
Untitled	Edwards et al. (2015)	P	USA	High school youth N=218 13-18y, M=15.56y±1.32y 44.5%f, 0.9% other	NA	NA
	Edwards et al. (2018)	DV		NA	NA	Students N=3172 13-19y, M=15.71y±1.17y 51.4%f
Untitled	Fisher et al. (2018)	DV	USA	Transgender youth	Transgender youth N=11	Transgender youth N=228 14-21y, M=17.86±1.86y 45% trans masculine, 41% trans feminine, 14% gender nonbinary
Attitudes Toward Affective-Sexual Diversity Scale (ADAS)	Garrido-Hernansaiz et al. (2018)	DV	Spain	NA	NA	High school students N=676 13-18y, M=14.48y±1.17y 49%f*
The Sexual Relationship Power Scale (SRPS) - Subscale	Pulerwitz et al. (2018)	DV	USA (Kenya)	NA	NA	Adolescent girls and young women N=1101 15-24y, 23.7%=15-17y, 35.4%=18-20y
Untitled	Apidechkul (2019)	DV	Thailand	N=12 50%f*	N=20 50%f*	Hill tribe youths N=1325 15-24y, 58.9%=15-17y, 30%=18-20y 60.5%f
Scale of Myths about Sexuality (Escala de Mitos sobre la Sexualidad EMS)	Guerra et al. (2019)	DV	Spain	Adolescents	Adolescents N=6	N=216 M=14.19y±1.45y 47.22%f N=661 M=15.07y±1.20y 48.87%f

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Questionnaire on Sexual and Reproductive Health Literacy (Questionnaire on SRHL)	Vongxay et al. (2019)	DV	Lao PDR Netherlands	NA	High school adolescents <i>N</i> =40	High school students <i>N</i> =416 15-19y, <i>M</i> =16.9y $\pm$ 1.0y 52.9%f
Adolescent Students' Attitudes Scale towards Sexuality (Escala de Atitudes dos Alunos Adolescentes em face da Sexualidade E3AS)	Barros et al. (2020)	DV	Portugal	NA	Students <i>N</i> =20 19y or younger	Adolescents <i>N</i> =394 <i>M</i> =14.9y $\pm$ 1.4y 46.7%f*
HIV Attitudes Scale (HIV-AS)	Espada et al. (2013)	DV	Spain USA	NA	Students <i>N</i> =25	High school students <i>N</i> =1216 male: <i>M</i> =15.87y $\pm$ 0.80y, female: <i>M</i> =15.81y $\pm$ 0.76y 56.9%f,
	Morales et al. (2019)	TV	Spain	NA	Adaption: Adolescents <i>N</i> =23 13-19y	Adolescents <i>N</i> =1574 15-18y, <i>M</i> =16.32y $\pm$ 1.02y 54%f
	Gómez-Lugo et al. (2020)	TV	Colombia Spain	NA	Cultural adaptation without adolescent population	Students <i>N</i> =867 14-19y, <i>M</i> =15.97y $\pm$ 1.37y 52.8%f*
Untitled	Yau et al. (2020)	DV	Thailand	NA	Students <i>N</i> =47	Students <i>N</i> =423 15-19y, <i>M</i> =16.79y $\pm$ 1.07y 49.9%f
Untitled	Zakaria et al. (2020)	DV	Bangladesh China	NA	Adolescent girl students <i>N</i> =60	Older adolescent girls <i>N</i> =792, <i>M</i> =16.59y $\pm$ 0.49y
HIV and Other STIs Knowledge Scale (KSI)	Abello-Luque et al. (2021)	DV	Colombia Spain	NA	NA	Adolescents <i>N</i> =866 14-19y, <i>M</i> =15.94 $\pm$ 1.30y 53%f

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Gender Equitable Attitudes Scale	Yonas et al. (2013)	P	USA	NA	NA	NA
	Hill et al. (2021)	DV		Adolescent boys	A community-based sample of adolescents and young adults	Male participants <i>N</i> =866 13-19y, <i>M</i> =15.50y* $\pm$ 1.64y* Boys <i>N</i> =698 Grade 8-9 Girls <i>N</i> =246 13-19y, <i>M</i> =15.23y* $\pm$ 1.54y*
Reproductive Health Literacy Questionnaire	Ma et al. (2021)	DV	China	NA	Unmarried youth <i>N</i> =20	Students <i>N</i> =1587 16-25y (60.4%=16-18y 34.5%=19-21y 5.1%=22-25y) 50.2%f
The Sexual and Reproductive Empowerment Scale for Adolescents and Young Adults	Fefferman & Upadhyay (2018)	P	USA	Young men and women <i>N</i> =40 15-24y	Young men and women <i>N</i> =40 15-24y, 47%=18-21y 50%f*	NA
	Upadhyay & Lipkovich (2020)	P		NA	Adolescents and young adults <i>N</i> =30 15-26y*, 27%=15-17y, 33%=18-20y 60%f, 37% male, 3% transgender	NA
	Upadhyay et al. (2021)	DV		NA	NA	Adolescents and young adults <i>N</i> =1117 15-24y, 35.8%=15-17y, 17.3%=18-19y 49.4%f, 49.3% male, 1.3% transgender

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Stage of Change (SOC) Measure	Yusufov & Orchowski (2020)	DV	USA	NA	Female Participants N=17	Women at a university N=300 18-24y, M=18.5±0.79y
The Married Adolescent Women's Sexual and Reproductive Health Needs Assessment Questionnaire (MAWSRHNAQ)	Ghiasi et al. (2022)	DV	Iran	Married adolescent women N=34	Married adolescent women N=10	Married adolescent women N=248
The Inventory of Anal Sex Knowledge (iASK)	Kutner et al. (2022)	DV	USA	NA	Adolescent sexual minority, Males N=4 16-17y	Adolescent sexual minority, Males N=154 14-17y, M=15.96y±0.85y
The Youth Sexual Intention Scale (YSIS)	Lubis et al. (2022)	DV	Indonesia	Sexually Active Adolescents N=30 15-18y	NA	Adolescents N=396 15-18y, M=16.2y±0.92y 48.74%f
The Condom Use Negotiated Experiences Through Technology (CuNET) Scale	Okumu et al. (2022)	DV	Uganda USA Canada	Adolescents N=4 Peer research assistants N=12 18-24y	NA	Forcibly displaced adolescents in the slums of Kampala Uganda N=242 16-19y, M=17.56±1.10y 81%f
The Masturbation Beliefs Scale (BMS!) – Chinese Version	Ren et al. (2022)	DV	China	information-rich interview subjects	NA	Students N=1645 16-26y, male: M=18.92y±1.1y, female: M=18.97y±1.09y 29.7%f Students N=1568 16-28y, male: M=19.64y±1.21y, female: M=19.38y±1.13y 76.6%f

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The Gender Roles and Male Provision Expectations (GRMPE) scale	Kyegombe et al. (2020)	P	USA UK Uganda	Adolescents and young adults <i>N</i> =40* 14-24y, 30%*=14+y in school, 30%*= 14-17y out of school, 40%*=18-24y out of school 55%f*	NA	NA
	Stoebenau et al. (2022)	DV		Young women (Focus Groups) <i>N</i> =10 15-24y Secondary Analysis: Adolescents and young adults <i>N</i> =40* 14-24y, 30%*=14+y in school, 30%*= 14-17y out of school, 40%*=18-24y out of school 55%f*	Women <i>N</i> =32 15-24y	Adolescent Girls and young women <i>N</i> =108, <i>M</i> =19.9y
The Attitudes Toward Transactional Sex Scale	St Lawrence et al. (2023)	DV	USA Botswana	Botswana adolescents <i>N</i> =40* 13-19y, <i>M</i> =15.3y 50%f*	NA	Public junior and secondary school youth <i>N</i> =186 13-18y, <i>M</i> =NA 45%f Youth <i>N</i> =387 13-18y, <i>M</i> =15.2y 57%f*

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The Gender Climate Scale (GCS)	Ullman (2014)	P	Australia	Students N=5 16-19y 60%f* 20%* transgender male 20%* male	NA	NA
	Ullman et al. (2023)	DV		NA	Gender and/or sexually diverse young people N=4	Gender and/or sexually diverse Youth N=2376 13-18y, M=15.6 58.7%f 21.0% male 8.9% non-binary 7.1% unsure of their gender 4.3% another way

Sorted by publication year of the most recent study on the respective OMI; (*/Country*)=Study was conducted in that country but without authors from this country; Type of study: P=preliminary study, D=Development study, T=Translation/Cultural Adaption, V=Validation study; (*Language*)=The OMI language was not explicitly mentioned in the publication itself and was derived from the context of the study; NA=not applicable

^aAdolescent (sub)groups that were included in the development or validation process, involved experts are not mentioned; when possible description includes: description, sample size, age range, Mean age±SD, y=years, %f=% female

^bUnless noted otherwise, the baseline population is reported

*calculated by the author (MM) using the published data from the study