Supplementary Handout- Understanding HIV Risk Behaviors among Youth from the Middle East and North Africa (MENA): A Scoping Review

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SUPPLEMENTARY HANDOUT: TABLE 1

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Table 1. Characteristics of Research Studies Included in the Scoping Review								
Authors	Setting	Sample Size	Data Collection Dates	Population	Study Design			
Adib et al., 2002	Beirut, Lebanon	730	1999	Male conscripts	Quantitative Cross-sectional			
Hendrickx et al., 2002	Antwerp, Belgium	55	1997-1998	Adolescent boys and girls	Qualitative using FGDs			
Refaat et al., 2004	Ismailia, Egypt	687	Not reported	University Students	Quantitative Cross-sectional			
Hajiabdolbaghi et al., 2006	Tehran, Iran	33	Not reported	Runaway and at- risk women	Quantitative Pre/Post test			
Mohammad et al., 2007	Tehran, Iran	382	2002	Adolescent boys	Quantitative Cross-sectional			
El-Sayyed et al., 2008	Cairo, Egypt	58	2003	MSM	Quantitative Cross-sectional			
El-Sayyed et al., 2008	Mahalla El-Koubra, 10th of Ramadan & Kafr El- Dawar, Luxor city, South Sinai, Egypt	1170	Not reported	Industrial and tourist workers	Quantitative Cross-sectional			
Tehrani et al., 2008	Sarayan, Astara, Islamshahr and Kermanshah, Iran	754	2003	Truck drivers, female sex workers, general	Quantitative Cross-sectional			
Kahhaleh et al., 2009	Beirut, Lebanon	2064	2004	population General Population	Quantitative Cross-sectional			
Al-Iryani et al., 2010	Aden, Yemen	Not reported, mostly	2005-2009	Not reported	Qualitative using FGDs and IDIs			
Nada et al., 2010	Greater Cairo and Alexandria, Egypt	youth 443	2007	Street Children	Quantitative Cross-sectional			
Hosseini et al., 2010	Tehran, Iran	271	2006	IDU	Quantitative Cross-sectional			
Mahfoud et al., 2010	Beirut, Lebanon	143	2007-2008	FSW, MSM, IDU	Quantitative Cross-sectional			
FHI/MOH Egypt, 2010	Cairo and Alexandria, Egypt	Not reported	2010	FSWs, street children, MSM, and Male IDUs	Quantitative Cross-sectional			
Mumtaz et al., 2010	Morocco	2000	Not reported	General Population	Quantitative Cross-sectional			
Sayarifard et al., 2011	Tehran, Iran	Not reported	2009	FSW	Quantitative Cross-sectional			
Mirzaee et al., 2012	Iran	495	2013	General Population	Quantitative Cross-sectional			
Shokoohi et al., 2012	Kerman, Iran	333	Not reported	IDUs, MSM, and males who have sex with FSW	Quantitative Cross-sectional			
Wagner et al., 2012	Beirut, Lebanon	31	2011	MSM	Mixed methods			
Ismael et al., 2012	Erbil, Iraq	333	2010-2011	General Population	Quantitative Cross-sectional			
Sajadi et al., 2013	Iran	210	2010	FSW	Quantitative Cross-sectional			
Khajehkazemi et al., 2013	Iran	318	2010	IUD	Quantitative Cross-sectional			
Valadez et al., 2013	Tripoli, Libya	241	2010-2011	MSM and FSW	Quantitative Cross-sectional			
Mirzazadeh et al., 2013	Tehran, Iran	15	2011	FSW	Qualitative using IDIs			
Johnston et al., 2013	Agadir and Marrakesh, Morocco	463	2010-2011	MSM	Quantitative Cross-sectional			
Shayestehkhou et al., 2013	Tehran, Iran	30	Not reported	Transwomen	Quantitative Cross-sectional			
Wagner et al., 2014	Beirut, Lebanon	100	2012	MSM	Quantitative Cross-sectional			
Hedayati- Moghaddam et al., 2014	Mashahd, Iran	605	2008	University Students	Quantitative Cross-sectional			
Massad et al., 2014	Jerusalem, Palestine	83	Not reported	General Population	Qualitative FGDs and IDIs			
Ghandour et al., 2014	Beirut, Lebanon	983	2012	University Students	Quantitative Cross sectional			
Alkaiyat et al., 2014	Amman, Aqaba, Irbid and Zarqa, Jordan	73	2011	MSM	Quantitative Cross-sectional			
Mirzazadeh et al., 2014	Aden and Al- Hudaydah, Yemen	166	2011	MSM	Quantitative Cross-sectional			
Kobeissi et al., 2014	Suburbs of Damascus (Rif Damascus), Lattakia and Tartous, Syria	Not reported	2013-2014	FSWs, MSM, IDUs and Prisoners	Quantitative Cross-sectional			
Noroozi et al., 2015	Isfahan, Iran	30	2012-2013	General Population	Qualitative using IDIs			
Esmaeilzadeh et al., 2015	Jolfa, Iran	156	2013	University Students	Quantitative Cross-sectional			

TABLE 1 CONT'D

Salehi et al.,	Shiraz, Iran	825	2006-2011	Sex workers and	Retrospective
2015				IDUs	Record Review
Wagner et al., 2015	Beirut, Lebanon	100	2012	MSM	Quantitative Cross-sectional
Aunon et al., 2015	Beirut, Lebanon	16	2011	Male sex workers	Qualitative using IDIs
Shokoohi et al., 2016	13 provinces in Iran	4950	2013	General Population	Quantitative Cross-sectional
Kaplan et al., 2016	Beirut, Lebanon	40	2012	Transwomen	Quantitative Cross-sectional
Maarefvand et al., 2016	Tehran, Iran	114	2014	Truck drivers	Quantitative Cross-sectional
Maatouk et al., 2016	Beirut, Lebanon	28	2015	MSM	Quantitative Cross-sectional
Honarvar et al., 2016	Shiraz, Southern Iran	935	2012-2013	General Population	Quantitative Cross-sectional
Abdel Tawab et al., 2016	Egypt	3733	Not reported	General Population	Qualitative using FGDs and IDIs
Sharifi et al., 2017	Kermanshah, Iran	220	2014	IDUs	Quantitative Cross-sectional
Heimer et al., 2017	Beirut, Lebanon	219	2014-2015	MSM	Quantitative Cross-sectional
Faysal et al., 2017	Beirut, Lebanon	2180	Not reported	University Students	Quantitative Cross-sectional
Hooshyar et al., 2018	Iran	632	2013	General Population	Quantitative Cross-sectional
Elamouri et al., 2018	Tripoli, Libya	31	2015	Prisoners and youth attending rehab centers and schools	Qualitative using IDIs
Sajjadi et al., 2018	Tehran and Alborz, Iran	634	2015	University Students	Quantitative Cross-sectional
Farahani et al., 2018	Tehran, Iran	950	2013-2014	University Students	Quantitative Cross-sectional
Noroozi et al., 2018	Kermanshah, Iran	312	2013-2014	IDU	Quantitative Cross-sectional
Armoon et al., 2018	Kermanshah, Iran	255	2014	IDU	Quantitative Cross-sectional
Noroozi et al., 2018	Tehran, Iran	455	2016	IDU	Quantitative Cross-sectional
Wagner et al., 2019	Beirut, Lebanon	390	2016-2017	MSM	Quantitative Cross-sectional
El <u>Kazdouh</u> et al., 2019	Taza, Morocco	56	2016	Adolescent girls and boys	Qualitative using FGDs
Ghanem et al., 2019	Beirut, Lebanon	218	2016-2017	MSM	Quantitative Cross-sectional

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doi:10.1371/journal.pmed.1000444

