

Appendix B: Data sources by country

Researchers considered many sources when preparing estimates of the size of Muslim and non-Muslim populations in each country and looking at the demographic characteristics that influence the size of each group. These characteristics include age and sex composition, fertility rates, patterns of migration and religious switching (how many people choose to begin or stop identifying as Muslim).

The list of general sources below provides bibliographic information for sources widely used across countries. At the end of this appendix is a detailed list, organized by country, of the primary sources used to determine each characteristic of religious groups in that country. (The many supplementary sources consulted for each country are not included.)

As described in the Methodology, data on the size of asylum flows come from Eurostat, and the size of regular migrant flows is estimated from Pew Research Center analysis of migration flow data prepared by Guy Abel (based on the 2015 revision of the UN's International Migrant stock data). The religion of asylum seekers and regular migrants is estimated based on a combination of Pew Research Center's 2012 [Global Religion and Migration Database](#) and information about the religious composition of migrant origin countries.

The sources for data on levels of switching to Islam are 2008 International Social Survey Programme surveys. In Western European countries, patterns of switching away from Islam to some other (or no) religion are based on the French pattern measured in the 2008 ["Trajectories and Origins"](#) survey of more than 20,000 respondents in metropolitan France (which includes oversamples of first- and second-generation immigrants) sponsored by the French Institute for Demographic Studies (INED) and the National Institute of Statistics and Economic Studies (INSEE). Most surveys in European countries include too few respondents raised as Muslims to reliably measure patterns of switching away from Islam.

Fertility estimates used in this report were originally prepared for the 2015 report ["The Future of World Religions: Population Growth Projections, 2010-2050."](#) Data on the baseline size of overall country populations, by age and sex, come from the 2015 revision of the UN's World Population Prospects.

More information about each type of data is provided in the Methodology.

General sources

Abel, Guy J. Forthcoming. “[Estimates of Global Bilateral Migration Flows by Gender between 1960 and 2015](#).” International Migration Review.

European Social Survey. Led by Centre for Comparative Social Surveys, City University.
<http://www.europeansocialsurvey.org/>.

European Values Study. Administered by the European Values Study Foundation at Tilburg University. <http://www.europeanvaluesstudy.eu/>.

Eurostat. 2017. Asylum statistics. http://ec.europa.eu/eurostat/statistics-explained/index.php/Asylum_statistics.

Generations & Gender Programme: Survey Instruments. United Nations.
<http://www.unece.org/pau/ggp/welcome.html>.

Global Migration Database. Pew Research Center.
<http://www.pewforum.org/2012/03/08/religious-migration-exec/>.

International Migrant Stock: The 2015 Revision. United Nations Population Division.
<http://www.un.org/en/development/desa/population/migration/data/estimates2/estimates15.shtml>

International Social Survey Program. ISSP Research Group, GESIS Data Archive, Cologne.
<http://www.gesis.org/en/issp/issp-home/>.

World Population Prospects: The 2015 Revision. United Nations Population Division.
<https://esa.un.org/unpd/wpp/publications/>.

	Religious composition	Age and sex	Fertility	Religion of migrants	Switching to Islam
Austria	Estimates based on 2001 Census.	Estimates based on 2001 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
Belgium	Estimates based on 2001 Census.	Estimates based on 2001 Census.	Data on fertility differences between religious groups based on 2001 Generations and Gender Survey.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Bulgaria	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of incoming migrants is based on the religious composition of the origin country.	Data unavailable; no religious switching modeled.
Croatia	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
Cyprus	Estimates based on weighted average of 2008 European Values Study in Cyprus and 2008 European Values Study in Northern Cyprus.	Estimates based on 2008 European Values Study.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of incoming migrants is based on the religious composition of the origin country, adjusted for selected origin countries.	Data unavailable; no religious switching modeled.
Czech Republic	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Denmark	Estimates based on 2010 Central Population Register (CPR) data prepared by Statistics Denmark.	Estimates based on 2010 Central Population Register (CPR) data prepared by Statistics Denmark.	Data on fertility differences between religious groups based on 2010 Population Register.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Estonia	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Data unavailable; no religious switching modeled.

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Finland	Estimates based on 2010 Population Information System data prepared by Statistics Finland.	Estimates based on 2010 Population Information System data prepared by Statistics Finland.	Data on fertility differences between religious groups based on 2010 Population Information System.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
France	Estimates based on 2008-2009 Trajectories and Origins Survey conducted by Institut National de la Statistique et des Études Économiques and the Institut National d'études Démographiques.	Estimates based on 2016 survey conducted by the French Institute of Public Opinion for the Institut Montaigne.	Data on fertility differences between religious groups based on 2005 Generations and Gender Survey.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Germany	Estimates based on 2015 report from the German Federal Office for Migration and Refugees.	Estimates based on 2005 Generations and Gender survey.	Data on fertility differences between religious groups based on 2005 and 2006 Generations and Gender Survey.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
Greece	Estimates based on 2001 Census.	Estimates based on 2001 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Data unavailable; no religious switching modeled.
Hungary	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2004-2005 Generations and Gender Survey.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Ireland	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2006 Census.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Italy	Estimates based on World Religion Database.	Estimates based on migrant data.	Data on fertility differences between religious groups based on Italian National Institute of Statistics report, "La popolazione straniera residente in Italia as 1 gennaio 2007. Statistiche in Breve."	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.

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Latvia	Estimates based on 2000 Census.	Estimates based on Latvia Central Statistical Bureau.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Lithuania	Estimates based on 2011 Census.	Estimates based on 2011 Census	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of incoming migrants is based on the religious composition of the origin country.	Data unavailable; no religious switching modeled.
Luxembourg	Estimates based on 2008 European Values Study, adjusted for missing data.	Estimates based on 2008 European Values Study.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Migration in and out of this country was not included in projections.	Data unavailable; no religious switching modeled.
Malta	Estimates based on 2008 European Values Study.	Estimates based on 2008 European Values Study.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Migration in and out of this country was not included in projections.	Data unavailable; no religious switching modeled.
Netherlands	Estimates based on 2003 Generations and Gender Survey and migrant register.	Estimates based on 2003 Generations and Gender Survey and migrant register.	Data on fertility differences between religious groups based on 2003 Generations and Gender Survey.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Norway	Estimates based on 2007 register of migrants.	Estimates based on 2007 register of migrants.	Data on fertility differences between religious groups based on 2007-2008 Generations and Gender Survey.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Poland	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.

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Portugal	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups unavailable; same fertility rate used for Muslims and non-Muslims.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
Romania	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2002 Census.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Data unavailable; no religious switching modeled.
Slovakia	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Slovenia	Estimates based on 2002 Census.	Estimates based on 2002 Census.	Data on fertility differences between religious groups based on 2002 Census.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Spain	Estimates based on 2011 Census and 2010 Municipal Register (Padrón).	Estimates based on 2011 Census and 2010 Municipal Register (Padrón).	Data on fertility differences between religious groups based on 2007 Fertility Survey and 2005-2008 Municipality Register.	Religion of incoming migrants is based on the religious composition of the origin country.	Rates based on 2008 International Social Survey Programme survey.
Sweden	Estimates based on 2008 Migrant's Register.	Estimates based on 2008 Migrant's Register.	Data on fertility differences between religious groups based on 2008 Migrant's Register.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
Switzerland	Estimates based on 2011 structural survey (sample of approximately 200,000 people).	Estimates based on 2011 structural survey.	Data on fertility differences between religious groups based on 2000 Census.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.
United Kingdom	Estimates based on 2011 Census.	Estimates based on 2011 Census.	Data on fertility differences between religious groups based on 2001 Census.	Religion of some incoming migrants is based on Pew Research Center's 2012 Global Religion and Migration Database.	Rates based on 2008 International Social Survey Programme survey.