

Annex 2 Summary of major findings of included studies

64 countries are listed; several countries are covered by more than one author and some studies cover more than one country.

Country	Source	Age group	Sample size	Myopia prevalence	High myopia
American Samoa (Ta'u Island)	Barnes et al. (2011)	Over 40 years	124	3.2%	0.8%
Argentina	Cortinez et al. (2008)	Office workers Mean age 43.2	1518	29.2%	
Australia	French et al. (2013)	School 12 years and 17 years	870 younger group 1202 older group (SMS examined 2760)	(2011) 12 years old 17 years old 18.9% 30.8% (2005) 12 years old 17 years old 1.4% 11.5%	0.1% younger cohort 1.9% older cohort
Australia	Ojaimi et al. (2005)	Year 1 children Mean age 6.7	1765	1.43%	
Australia	Wensor et al. (1999)	Adults over 40 years old	4736	17.0%	
Australia	Attebo et al. (1999)	49years to 97years	3654	14.4%	
Australia	Ip et al. (2008)	12 years	574	6.9% outer suburban, 17.8% inner city	
Australia	McCarty et al. (1997)	4 to 74 years	3,262	23.3%	2.3%
Australia	The Eye Disease Prevalence Working Group (2004)	40+	4,506	16.4% (≤ -1.00 D)	
Bangladesh	Bourne et al. (2004)	Adults over 40 years old	11 189	22.1%	1.8%
Barbados	Wu et al. (1999)	40 years to 84 years	4709	21.9%	
Benin	Sounouvou et al. (2008)	4years to 16 years	1057	0.5%	
Brazil	Ferraz et al. (2015)	All ages	7654	25.3%	
Brazil	Moraes et al. (2013)	10-15 years	1590	3.14%	
Brazil	Schellini et al. (2009)	Ages 1 – 91 Mean 38.3	2454	30-39 29.7%	
Brazil (Northeastern)	Garcia et al. (2005)	All	1024	13.3%	
Bulgaria	Plainis et al. (2009)	Children 10-15 years	310	13.5%	
Burkina Faso	Jimenez et al. (2012)	6-16 Ave 11.19	315	Unilateral 2.5% Bilateral 1.0%	

Cambodia	Gao et al. (2012)	12-14 years	5527 3531 rural 1996 urban	Fem 6.5% Male 5.0% Rural 2.2% Urban 12.3%	
Canada	Robinson (1999)	6 years	10 616	6.0%	
Chile	Maul et al. (2000)	5-15 years	5303	3.4% 5 year olds 19.4% 15 year old males 14.7% 15 year old females	
China	Guo et al. (2014)	6 years to 21 years	1565	60.0% (0.5)	2.9%
China	You et al.(2014)	7-18 years	15 066	64.9%	4.3%
China	Lan et al. (2013)	3-6 years	3300	2.5%	0.08%
China (north)	Li et al. (2013)	5-18 years	1675	5.0%	
China (west)	Pi et al. (2010)	6-15 years	3070	13.75%	
China(Harbin)	Li et al. (2009)	≥50 years	4979	9.5%	
China	Congdon et al. (2008)	Mean age 14.7	1892	62.3%	1.9%
China	He et al. (2009)	Adults ≥50 years, urban	1269	32.3%	5.0%
China	He et al.(2007)	13-17	2454	42.4%	
China	He et al. (2004)	5-15 years, urban, south	4364	78.4%	
China	Sun et al. (2012)	Adults (Uni students)	5060	95.5%	19.5%
China (Med students)	Lv et al. (2013)	Med students Mean age 18.27 yrs	2053	78.5% baseline To 84.1% at follow-up	
China	Xu et al. (2005)	Adults 40+ years	4439	22.9%	2.6%
China	Zhao et al. (2000)	5years to 15years	5884	5 years 0% 15 years 36.7% males; 55.0% females	
Denmark	Jacobsen et al. (2007)	Adults -military conscripts	4681	12.8%	0.3%
Denmark	Kessel at al. (2004)	30-60 years	970	33.1% (56.8% for subjects with a degree)	
Ecuador	Jimenez et al.(2004)	18 years to 45 years	1283 (Native community 507 Settlers 776)	Native community 4.7% Settlers 5.5%	
England	Logan et al. (2011)	6-7 years and 12-13 years	Prelim data on 655	6-7 9.4% 12-13 29.4%	
Equatorial Guinea	Soler et al. (2015)	6 years to 16 years	425	10.4% unilateral 5.2% bilateral	
Ethiopia (Rural)	Kedir et al. (2014)	7 – 15 (Mean age 12 years)	570	2.6%	0.9%

Ethiopia (Northwest)	Yared et al. (2012)	10-14 (Mean age 12 years)	1852	2.3%	
Ethiopia (rural)	Mehari et al. (2013)	7-18 years	4238	6.0%	
Finland	Mäntyjärvi et al. (1983)	7-15 years	1383	At age 15 22.8%	
Finland	Rifaat et al. (1989)	Elderly adults	268	<75 years 9.0% ≥75 years 23.5%	
Finland	Aine (1984)	>5 years	611	11.9%	
Germany	Wolfram et al. (2014)	Adults 35-74 years	15 010 Gutenberg	35.1%	
Germany	Jobke et al. (2008)	Adults 24-65 years Offspring 2-35 years		2-6 0% 7-11 5.5% 12-17 21.0% 18-35 41.3%	
Ghana	Ntim-Amponsah et al. (2007)	6 years to 22 years	957	7.0%	
Greece	Plainis et al. (2009)	Children 10-15 years	588	37.2%	
Greece	Mavracanas et al. (2000)	15-18 years	1738	29.0%	
Hong Kong	Lam et al. (2012)	6-12 years	2651	47.5% (6years 18.3%) (12years 61.5%)	1.8% (6years 0.7%) (12years 3.8%)
Hong Kong	Goh et al. (1994)	19-39year olds		M 71%	
Hong Kong	Lam et al. (1994)	40+ years old	220	29.6%	
Hong Kong	Fan et al. (2004)	Primary school, 5-15 year olds, Mean age 9.33	7560 4973 in follow up	36.7%	
India (Central India)	Nangia et al. (2010)	Adults 30 years or over	4711	17.0%	0.9%
India (South-APEDS)	Krishnaiah et al. (2009)	Adults ≥ 40	3642	34.6%	4.5%
India (Tamil Nadu)	Prema et al. (2008)	Adults >39	3924 rural 3850 urban	Rural 31.0% Urban 17.6%	Rural 4.3% Urban 1.5%
India	Uzma et al. (2009)	7years to 15years	3314 (1789 urban 1525 rural)	Urban 51.4% Rural 16.7%	
India (rural)	Dandona et al. (IOVS 2002)	7-15 years	4074	4.1%	
India (Andhra Pradesh)	Dandona et al. (CEOph 2002)	All	10 293	≤15 years 3.19% >15 years 19.45%	≤15 years 0.27% >15 years 4.54%
India (urban)	Murthy et al. (2002)	5-15 years	6447	7.4%	
India (Southern)	Raju et al. (2004)	Adults over 39 years	2508	26.99% Age and gender adjusted 30.97%	3.71% 4.32% (adjusted)
India (urban)	Dandona et al. (1999)	All	2321	≤15 years 4.44%; >15 years 19.39%	

Indonesia	Saw et al. (2002)	Adults	1043	48.1%	0.6%
Iran (western)	Hashemi et al. (2014)	14 years to 21 years	438	29.3%	0.5%
Iran (Mashad)	Ostadimoghaddam et al. (2011)	All ages	3132 (urban)	≤15 years 3.64%; >15 years 22.36%	
Iran	Rezvan et al. (2012)	6-17 years	2020 (rural)	4.3%	
Iran	Ziaei et al. (2014)	Adults 40-80	2098	6.5%	2.3%
Iran (rural)	Hashemi et al. (2013)	Over 15 years(Mean 36 years)	3475 (rural)	28.0%	1.5%
Iran	Hashemi et al. (2012)	Adults 40-64 years	6311 (regional centre)	30.2%	1.9%
Iran (Shiraz)	Yekta et al. (2010)	Children grades 1 – 8 (7-15 years)	1872 (urban)	4.35%	
Iran (Mashad)	Yekta et al. (2009)	Adults mean age 63.7	1367(urban)	27.2%	
Iran (Dezful)	Fotouhi et al. (2007)	School children	5544 (3673 elementary/mid 1871 high school)	Elementary and middle 3.4% High school 2.1%	
Iran	Hashemi et al. (2004)	All	4565 (urban)	Manifest 21.8%	
Iran	Jamali et al. (2009)	School children	815	1.7%	
Ireland (Northern Ireland)	O'Donoghue et al. (2010)	6-7 years & 12-13 years	1053	6-7 2.8%; 12-13 17.7%	
Israel	Dayan et al. (2005)	16-22 years	919 929	1990 20.3%; 2002 28.3%	2.05% Males 2.4% Females
Japan	Sawada et al. (2008)	Adults 40years and over	3021	41.8%	8.2%
Japan	Matsumura et al. (1999)	3 years to 17 years	346	Prevalence increased from 43.5% at 12 years to 66.0% at 17 years	
Jordan	Khader et al. (2006)	Children Age 12-17	1777	17.6% (Males 15.9% Females 20.3%)	
Jordan	Mallen et al. (2005)	Adults 17-40	1093	53.71%	
Kenya	Bastawrous et al. (2013)	Adults 50years and over	4414	Total 4.4% (59.5% of 7.4)	
Korea	Kim et al. (2013)	Adults 20 years and over	22 562	48.1% 70+ 18.2%	4.0%
Korea (rural area)	Lee et al. (2013)	19 year old males	2805	83.3%	6.8%
Korea (rural area)	Yoo et al. (2013)	Adults 40years and over	1532	20.5%	1.0%
Korea	Lim et al. (2012)	<19 years	8633	22.6%	
Korea	Jung et al. (2012)	19 year old males (conscripts)	23 616	96.54%	21.61%

Lao	Casson et al. (2012)	6-11 years	2842	0.8%	
Malawi	Lewallen et al. (1995)	Adults	510 rural workers 534 urban students	Urban RE 4.3% LE 4.0% Rural RE 0.0% LE 0.7%	
Malaysia	Saw et al. (2006)	7-9 years	1752	13.4%	
Malaysia	Goh et al. (2005)	7-15 years	4634	7 9.8%; 15 34.4%	
Mexico	Villarreal et al. (2003)	12-13 year olds	1035	44.0% Bilateral (37.0%)	1.4%
Mexico	Rodriguez-Abrego et al (2009)	Mean age 10.2	1138	33.0%	
Mongolia	Wickremasinghe et al.(2014)	Adults	1617	17.2%	2.7%
Mongolia (rural)	Morgan et al. (2006)	7-17 years	1057	5.8%	
Morocco	Anera et al. (2009)	6-16 years	545	6.1%	
Myanmar	Gupta et al. (2008)	Adults over 40 years	2076	51.0%	6.5%
Nepal	Pokharel et al. (2010)	7-15 years	440	Total 11.8% (derived from raw data)	
Nepal	Sapkota et al. (2008)	School grades 5 – 9 (Ages 10 years to 15 years)	4282	19.0% (10 year olds10.9% - 15 year olds 27.3%)	
Nepal(Mechi)	Pokarel et al. (2000)	5-15 years	5067	1.2%	
Netherlands	Hendricks et al. (2009)	Children 11-13 years and Adult employees of hospital	520 children 444 adults	Children 28.0%; Adults 30.0%	Children 1.7%; Adults 4.4%
Nigeria	Eze et al. (2012)	19-63 Mean age 36.2years	254	11.4% Given as 29/56 (56 with RE)	
Nigeria	Ezelum et al. (2011)	40 years and over	15 375	16.2%	2.1%
Norway	Midelfart et al. (2002)	20-25 and 40-45	3137 (1248 young 1889 middle-aged)	20-25 35.0%; 40-45 30.3%	
Oman	Lithander (1999)	6 years and 12 years	6292	6 years 0.56%; 12 years 5.16%	
Pakistan	Shah et al. (2008)	30 years and over	14 490	36.5%	4.6%
Paraguay	Carter et al. (2013)	5-16 years	Menonite 190 Indigenous 118 Mixed race 168	Menonite 1.2% Indigenous 0% Mixed race 1.4%	
Poland	Czepita et al. (2007)	6-18 years	4422	13.3%	
Poland	Czepita et al. (2008)	10 years to 14 mean age 11.9years	2206 students	13.9% urban 7.5% rural	

Puerto Rico	Rodriguez et al. (2014)	Adults over 40	784	14.7%%	
Puerto Rico	Gordon (1990)		1,109		
Russia	Mamatkhuzhaeva (2002)	6 years to 17 years	6027	5.1%	
Saudi Arabia	Al Wadaani et al. (2013)	6-14 (Mean 9.4 years)	2246	9.0%	
Saudi Arabia	Al-Rowaily (2010)	Pre-school children	1319	2.5%	0.3%
Singapore	Tan et al. (2011)	55-85 years	1835	30.1% (Chinese 30.8%; Indians 22.6%; Malays 18.2%)	
Singapore	Saw et al. (2006)	7-9 years	1962	36.3%	
Singapore	Quek et al. (2004)	15-19 years	946	73.9%	5.7%
Singapore	Koh et al. (2014)	Mean ages19.8	28 908	81.6%	14.7%
Singapore	Pan et al. (2013)	Adults over 40 years	10033	38.9%	8.4%
Singapore (Malays)	Saw et al. (2008)	Adults 40-80	2974	26.2%	3.9%
Singapore	Dirani et al. (2010)	Children 6 – 72 months old	3009	11.0%	0.2%
Singapore	Wong et al. (2000)	Adults 40-79	1232	38.7%	9.1%
South Africa	Naidoo et al. (2003)	5-15 years	4890	2.9% 4.0% with autorefractor	
Spain	Anton et al. (2009)	Adults 40-79	417	25.4%	
Spain	Montes-Mico & Ferrer-Blasco (2000)	3 to 93	15,212	(3 to 8) 2.5% (36 to 45) 28.2% (9 to 19) 25.7% (46 to 65) 20.6% (20 to 35) 30.1% ((66 to 93) 15.2%	
Sudan	Rushood et al. (2013)	6-15 years	671 119	1.5%	
Sweden	Gronlund et al. (2006)	4-15 years	143	6.3%	
Sweden	Villarreal et al. (2000)	12 and 13 year olds	1045	49.7%	2.5%
Taiwan	Wang et al. (2009)	College freshmen	3709	95.9% (95.9%M & 95.9%F)	38.4%
Taiwan	Cheng et al. (2003)	≥65 years	1361	19.4%	2.4%
Taiwan	Lin et al. (2004)	7-18 years	10 878	Age 7 12 15 18 20.0% 61.0% 81.0% 84.0%	18 years old 21.0%
Tanzania	Wedner et al. (2002)	11 years to 27 years	2511	5.6%	
Tanzania	Laviers et al. (2010)	40+	381	29.8% (95% of 34.1)	

Tunisia	Ayed et al. (2002)	Mean age 11.9 years	708	9.1%	
Turkey	Turacili et al. (1995)	School children	23,810	32%	
Uganda	Kawuma et al. (2002)	6 years to 9 years	623	1.28% (derived from raw data)	
United Kingdom (see also England)	Logan et al. (2005)	First year undergrad UK students Aston Uni	373	52.7% (White 50.0%; British Asian 53.4%)	
United States	Vitale et al. (2009)	12-54 years	1971-72 4436 1999-2004 9609	All 1971-72 1999-2004 25.0% 41.6%	1971-72 0.2% 1999-2004 1.6%
United States	Wang et al (1994)	43-84 years	4533	26.2%	
United States	Tarczy-Hornoch et al. (2006)		5,927		
United States	Katz et al. (1997)		4,859		
Vanuatu	Garner et al (1988)	6-19 years	788	2.9%	
Vietnam	Paudel et al. (2014)	12-15 years	2238	20.4%	