

Table 5 Prevalence of hypertension in different studies, by sex and age

| Study area | Study design | Publication date | Study population | Prevalence of hypertension | | | | | | | |
|-------------------------------------------------------------|-------------------------------|------------------|-----------------------------------------------------------------------------------------|----------------------------|--------|--------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | Total | M | F | By age, yr | | | | |
| Current study (Yazd) | Cross-sectional Study | — | 2320 adult residents of Yazd aged 40-80 yr | 52.8% | 52% | 59.1% | 40-49: 38.3% | 50-59: 59.1% | 60-69: 72.3% | 70-80: 80.2% | |
| Islamic Republic of Iran (Isfahan, Najafabad and Arak) (33) | Cross-sectional Study | 2004 | Participants aged > 19 yr from Isfahan, Najafabad and Arak | — | 15.6% | 18.8% | 19-25: M: 4.3% F: 3.8% | 26-35: M: 7.2% F: 7.8% | 36-45: M: 16.5% F: 22.6% | 46-55: M: 29.2% F: 41.1% | 56-65: M: 47.7% F: 57.4% |
| Iran (Yazd) (7) | Cross-sectional Study | 2011 | Yazd urban population aged 20-74 yr | 25.6% | 27.59% | 23.89% | 20-34: 10% | 35-44: 27% | 45-54: 40.2% | 55-64: 64.5% | 65-74: 70.1% |
| Iran (Golestan) (6) | Cross-sectional Study | 2014 | 50 045 healthy subjects from Golestan Province in Northeastern Islamic Republic of Iran | 41.8% | 37.6% | 46.4% | < 50: 31.6% | | 50-60: 49.3% | > 60: 61.8% | |
| Iran (East Azerbaijan) (8) | Cross-sectional Study | 2016 | Adults aged 15-65 yr from Lifestyle Promotion Project | — | 21.1% | 24.3% | 15-25: M: 3.5% F: 10.2% | 26-35: M: 7.6% F: 5.6% | 36-45: M: 12.1% F: 12.3% | 46-55: M: 22.9% F: 29.6% | 56-65: M: 38.6% F: 53.6% |
| Argentina (34) | Cross-sectional Study | 2004 | People aged over 20 from Dean Funes, Oncativo, Pehuajó and Venado Tuerto | 36% | — | — | 20-29: 9.8% | 30-39: 13.6% | 40-49: 34% | 50-59: 49.2% | > 60: 75.5% |
| Germany (35) | Population-based cohort study | 2015 | Men and women aged 45-83 years from CARLA Cohort Study | — | 74.3% | 70.2% | < 55: M: 58.7% F: 55.4% | 55-64: M: 78.8% F: 65.7% | 65-74: M: 83.8% F: 84.2% | > 75: M: 83.6% F: 86.5% | |

F = female; M = male.