# Iraq

## Detailed Human Capital projections to 2060

### Demographic indicators, CEPAM Medium Scenario (SSP2)

| | 2015 | 2020 | 2030 | 2040 | 2050 | 2060 |
|---|---|---|---|---|---|---|
| Population (in millions) | 36.11 | 41.11 | 50.99 | 60.97 | 70.02 | 77.70 |
| Proportion age 65+ | 3.1% | 3.4% | 3.8% | 5.5% | 7.5% | 9.9% |
| Proportion below age 20 | 51.2% | 49.8% | 45.6% | 39.8% | 35.1% | 30.5% |
| | 2015-2020 | 2020-2025 | 2030-2035 | 2040-2045 | 2050-2055 | 2055-2060 |
| Total Fertility Rate | 4.10 | 3.55 | 2.88 | 2.39 | 2.09 | 1.99 |
| Life expectancy at birth (in years) | | | | | | |
|   Male | 67.8 | 69.1 | 71.7 | 74.3 | 76.9 | 78.2 |
|   Female | 72.5 | 73.8 | 76.4 | 79.0 | 81.6 | 84.2 |
| Five-year net-migration flow (in thousands) | -118.5 | -140.5 | -184.7 | -230.2 | -271.5 | -289.9 |

### Human Capital indicators, CEPAM Medium Scenario (SSP2)

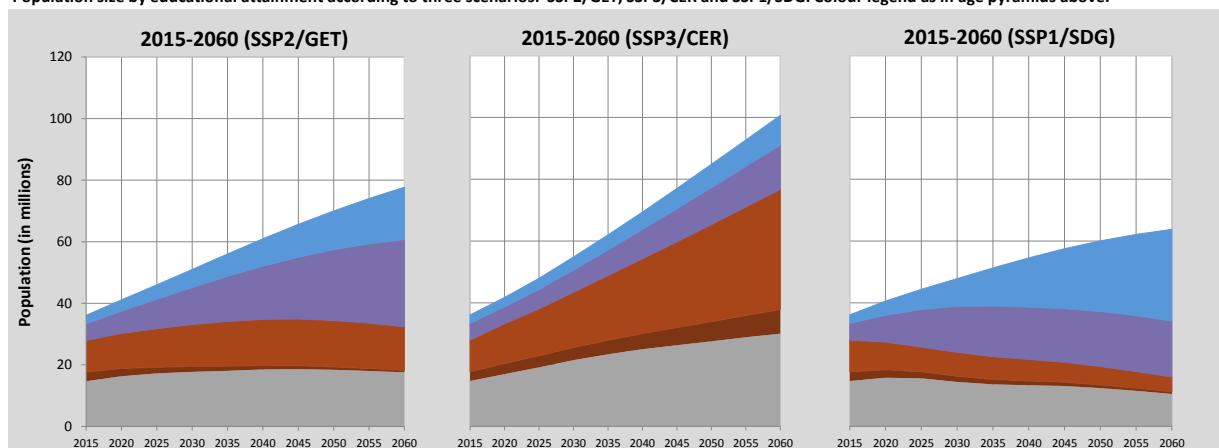| | 2015 | 2020 | 2030 | 2040 | 2050 | 2060 |
|---|---|---|---|---|---|---|
| **Population age 25+: highest educational attainment (columns sum to 100%)** | | | | | | |
| E1 - no education | 17.2% | 13.3% | 7.5% | 4.2% | 2.3% | 1.3% |
| E2 - incomplete primary | 18.8% | 18.1% | 15.7% | 12.7% | 9.7% | 7.0% |
| E3 - primary | 28.4% | 29.5% | 30.1% | 28.0% | 24.7% | 20.7% |
| E4 - lower secondary | 10.7% | 11.8% | 13.8% | 15.8% | 17.0% | 17.7% |
| E5 - upper secondary | 7.9% | 9.0% | 11.6% | 14.8% | 18.3% | 21.7% |
| E6 - post-secondary | 16.9% | 18.4% | 21.3% | 24.5% | 27.9% | 31.6% |
| Mean years of schooling (in years) | 7.4 | 7.9 | 8.8 | 9.6 | 10.3 | 11.0 |
| **Gender gap (population age 25+): highest educational attainment (ratio male/female)** | | | | | | |
| E1 - no education | 0.38 | 0.37 | 0.37 | 0.40 | 0.43 | 0.46 |
| E2 - incomplete primary | 0.84 | 0.83 | 0.82 | 0.84 | 0.87 | 0.89 |
| E3 - primary | 1.12 | 1.07 | 1.01 | 0.97 | 0.96 | 0.96 |
| E4 - lower secondary | 1.51 | 1.38 | 1.23 | 1.16 | 1.16 | 1.18 |
| E5 - upper secondary | 1.70 | 1.52 | 1.28 | 1.17 | 1.12 | 1.10 |
| E6 - post-secondary | 1.51 | 1.39 | 1.20 | 1.08 | 0.99 | 0.93 |
| Mean years of schooling (male minus female) | 1.0 | 0.8 | 0.5 | 0.3 | 0.1 | 0.0 |
| **Women age 20-39: highest educational attainment (columns sum to 100%)** | | | | | | |
| E1 - no education | 9.0% | 5.8% | 1.4% | 0.5% | 0.2% | 0.1% |
| E2 - incomplete primary | 21.0% | 17.2% | 10.9% | 6.6% | 3.7% | 1.8% |
| E3 - primary | 29.8% | 30.1% | 28.6% | 23.1% | 17.0% | 11.1% |
| E4 - lower secondary | 13.3% | 14.5% | 17.0% | 18.6% | 19.0% | 18.2% |
| E5 - upper secondary | 11.1% | 13.9% | 18.9% | 24.0% | 28.4% | 32.6% |
| E6 - post-secondary | 15.7% | 18.5% | 23.1% | 27.2% | 31.7% | 36.3% |
| Mean years of schooling (in years) | 7.5 | 8.4 | 9.8 | 10.8 | 11.7 | 12.5 |

*Education scenarios*

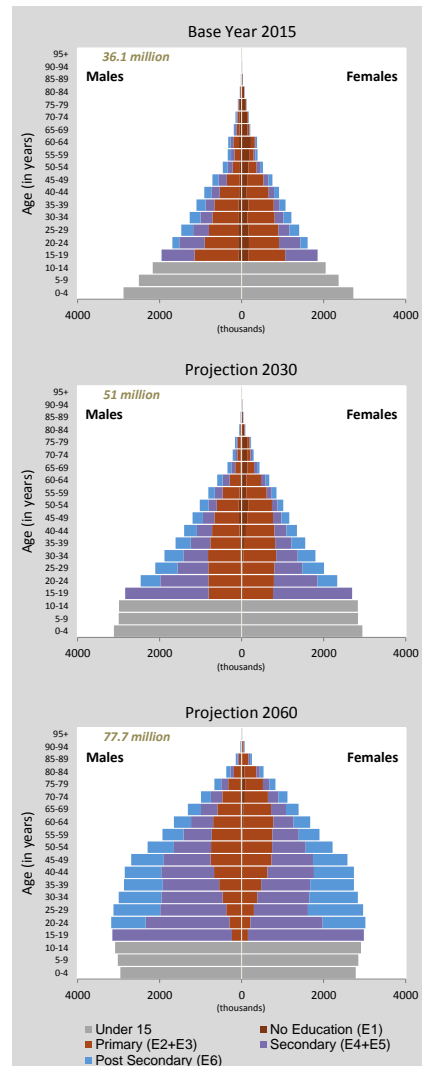*SSP2/GET: Global Education Trend Scenario (Medium assumption)*

*SSP3/CER: Constant Enrollment Rates Scenario (assumption of no future improvements)*

*SSP1/SDG: Sustainable Development Goal Scenario (universal primary and secondary education by 2030)*

### Pyramids by education, CEPAM Medium Scenario



Base Year 2015
36.1 million — Males / Females

Projection 2030
51 million — Males / Females

Projection 2060
77.7 million — Males / Females

Legend: Under 15 | No Education (E1) | Primary (E2+E3) | Secondary (E4+E5) | Post Secondary (E6)

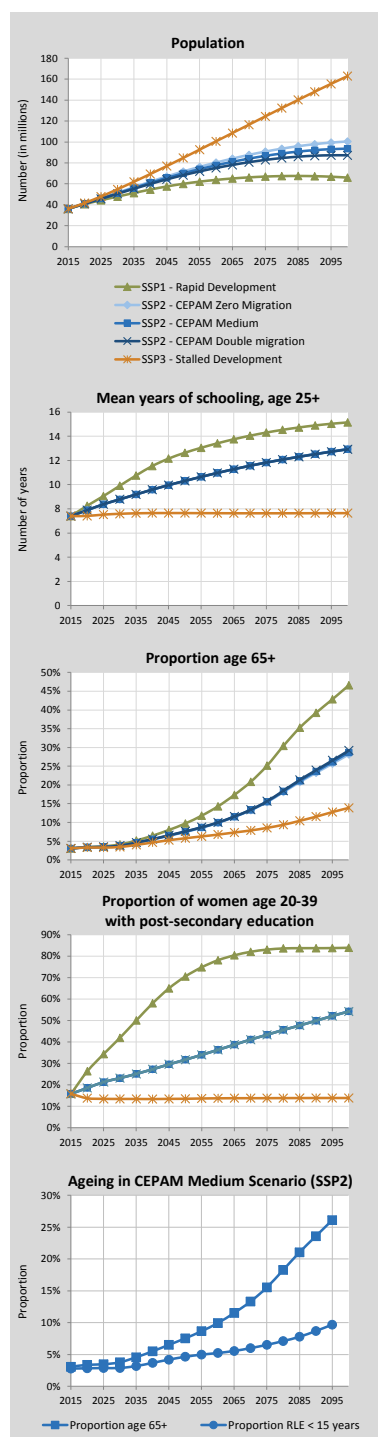**Population size by educational attainment according to three scenarios: SSP2/GET, SSP3/CER and SSP1/SDG. Colour legend as in age pyramids above.**



2015-2060 (SSP2/GET)    2015-2060 (SSP3/CER)    2015-2060 (SSP1/SDG)

# Iraq (Continued)

## Alternative Scenarios to 2100

**Population**



Legend:
- SSP1 - Rapid Development
- SSP2 - CEPAM Zero Migration
- SSP2 - CEPAM Medium
- SSP2 - CEPAM Double migration
- SSP3 - Stalled Development

**Mean years of schooling, age 25+**



**Proportion age 65+**



**Proportion of women age 20-39 with post-secondary education**



**Ageing in CEPAM Medium Scenario (SSP2)**



Legend: Proportion age 65+ | Proportion RLE < 15 years

### Projection Results by Scenario (SSP1-3)

|  | 2015 | 2020 | 2030 | 2050 | 2060 | 2075 | 2100 |
|---|---|---|---|---|---|---|---|
| *Population (in millions)* | | | | | | | |
| SSP1 - Rapid Development | 36.11 | 40.56 | 47.81 | 60.04 | 63.79 | 66.98 | 66.00 |
| SSP2 - CEPAM *Zero Migration* | 36.11 | 41.24 | 51.53 | 71.80 | 80.32 | 90.85 | 100.49 |
| SSP2 - CEPAM *Medium* | 36.11 | 41.11 | 50.99 | 70.02 | 77.70 | 86.77 | 93.64 |
| SSP2 - CEPAM *Double Migration* | 36.11 | 40.97 | 50.45 | 68.28 | 75.17 | 82.89 | 87.31 |
| SSP3 - Stalled Development | 36.11 | 41.72 | 54.82 | 84.81 | 100.67 | 124.52 | 162.97 |
| *Proportion age 65+* | | | | | | | |
| SSP1 - Rapid Development | 3.1% | 3.4% | 4.1% | 9.7% | 14.3% | 25.1% | 46.6% |
| SSP2 - CEPAM *Zero Migration* | 3.1% | 3.4% | 3.8% | 7.5% | 9.9% | 15.4% | 28.1% |
| SSP2 - CEPAM *Medium* | 3.1% | 3.4% | 3.8% | 7.5% | 9.9% | 15.5% | 28.7% |
| SSP2 - CEPAM *Double Migration* | 3.1% | 3.4% | 3.8% | 7.6% | 10.0% | 15.7% | 29.2% |
| SSP3 - Stalled Development | 3.1% | 3.3% | 3.5% | 5.8% | 6.8% | 8.6% | 13.9% |
| *Proportion below age 20* | | | | | | | |
| SSP1 - Rapid Development | 51.2% | 49.1% | 41.7% | 28.1% | 22.9% | 17.1% | 10.9% |
| SSP2 - CEPAM *Zero Migration* | 51.2% | 49.8% | 45.5% | 35.0% | 30.4% | 25.2% | 19.2% |
| SSP2 - CEPAM *Medium* | 51.2% | 49.8% | 45.6% | 35.1% | 30.5% | 25.3% | 19.2% |
| SSP2 - CEPAM *Double Migration* | 51.2% | 49.9% | 45.7% | 35.3% | 30.7% | 25.3% | 19.1% |
| SSP3 - Stalled Development | 51.2% | 50.5% | 49.2% | 42.3% | 38.9% | 34.8% | 30.4% |
| *Proportion of women age 20-39 with post-secondary education* | | | | | | | |
| SSP1 - Rapid Development | 15.7% | 26.2% | 41.9% | 70.5% | 78.1% | 83.0% | 83.9% |
| SSP2 - CEPAM *Zero Migration* | 15.7% | 18.5% | 23.1% | 31.7% | 36.3% | 43.3% | 54.2% |
| SSP2 - CEPAM *Medium* | 15.7% | 18.5% | 23.1% | 31.7% | 36.3% | 43.3% | 54.2% |
| SSP2 - CEPAM *Double Migration* | 15.7% | 18.5% | 23.1% | 31.7% | 36.3% | 43.3% | 54.2% |
| SSP3 - Stalled Development | 15.7% | 13.7% | 13.4% | 13.4% | 13.7% | 13.7% | 13.8% |
| *Mean years of schooling, age 25+* | | | | | | | |
| SSP1 - Rapid Development | 7.4 | 8.3 | 9.9 | 12.6 | 13.4 | 14.3 | 15.1 |
| SSP2 - CEPAM *Zero Migration* | 7.4 | 7.9 | 8.8 | 10.3 | 11.0 | 11.8 | 12.9 |
| SSP2 - CEPAM *Medium* | 7.4 | 7.9 | 8.8 | 10.3 | 11.0 | 11.8 | 12.9 |
| SSP2 - CEPAM *Double Migration* | 7.4 | 7.9 | 8.8 | 10.3 | 11.0 | 11.8 | 12.9 |
| SSP3 - Stalled Development | 7.4 | 7.4 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 |

### Demographic assumptions underlying SSPs

|  | 2015-2020 | 2020-2025 | 2030-2035 | 2050-2055 | 2060-2065 | 2075-2080 | 2095-2100 |
|---|---|---|---|---|---|---|---|
| *Total fertility rate* | | | | | | | |
| SSP1 - Rapid Development | 3.71 | 2.87 | 2.12 | 1.54 | 1.43 | 1.33 | 1.25 |
| SSP2 - CEPAM *Zero Migration* | 4.10 | 3.55 | 2.88 | 2.09 | 1.92 | 1.79 | 1.68 |
| SSP2 - CEPAM *Medium* | 4.10 | 3.55 | 2.88 | 2.09 | 1.92 | 1.79 | 1.68 |
| SSP2 - CEPAM *Double Migration* | 4.10 | 3.55 | 2.88 | 2.09 | 1.92 | 1.79 | 1.68 |
| SSP3 - Stalled Development | 4.50 | 4.29 | 3.79 | 2.83 | 2.61 | 2.46 | 2.36 |
| *Life expectancy at birth for females (in years)* | | | | | | | |
| SSP1 - Rapid Development | 73.0 | 74.9 | 78.5 | 85.7 | 89.3 | 94.9 | 102.5 |
| SSP2 - CEPAM *Zero Migration* | 72.5 | 73.8 | 76.4 | 81.6 | 84.2 | 88.1 | 93.3 |
| SSP2 - CEPAM *Medium* | 72.5 | 73.8 | 76.4 | 81.6 | 84.2 | 88.1 | 93.3 |
| SSP2 - CEPAM *Double Migration* | 72.5 | 73.8 | 76.4 | 81.6 | 84.2 | 88.1 | 93.3 |
| SSP3 - Stalled Development | 71.9 | 72.5 | 73.9 | 76.8 | 78.2 | 80.3 | 83.1 |
| *Migration – net flow over five years (in thousands)* | | | | | | | |
| SSP1 - Rapid Development | -118.5 | -138.2 | -170.7 | -227.2 | -245.4 | -262.6 | -265.6 |
| SSP2 - CEPAM *Zero Migration* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SSP2 - CEPAM *Medium* | -118.5 | -140.5 | -184.7 | -271.5 | -307.2 | -350.3 | -380.4 |
| SSP2 - CEPAM *Double Migration* | -236.9 | -280.0 | -365.2 | -527.7 | -591.6 | -664.6 | -705.0 |
| SSP3 - Stalled Development | -79.0 | -47.7 | -0.2 | -0.3 | -0.4 | -0.5 | -0.6 |

### Ageing indicators, CEPAM Medium Scenario (SSP2)

|  | 2015 | 2020 | 2030 | 2050 | 2060 | 2075 | 2095 |
|---|---|---|---|---|---|---|---|
| *Median age* | 19.4 | 20.1 | 22.4 | 28.9 | 32.4 | 38.2 | 45.9 |
| *Proportion age 65+* | 3.1% | 3.4% | 3.8% | 7.5% | 9.9% | 15.5% | 26.1% |
| *Proportion RLE < 15 years* | 2.7% | 2.7% | 2.9% | 4.5% | 5.1% | 6.3% | 9.3% |