



Graphic Records
**Climate Risk and Climate Security
in East Mediterranean Region**

Israel in Regional Perspective

2018

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Climate Risk and Climate Security in East Mediterranean Region

Israel in Regional Perspective¹

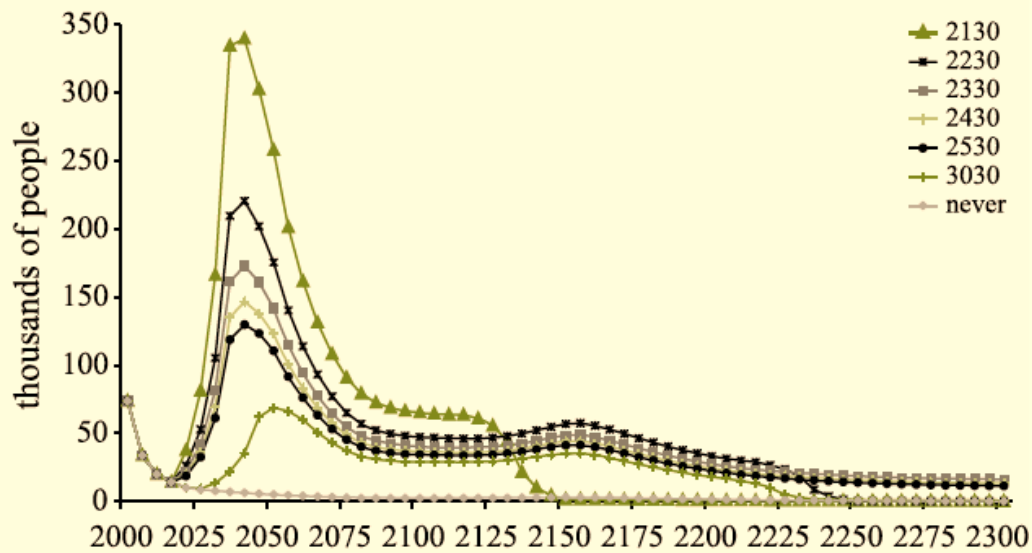
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¹ The full data appear in “Mitigation of Climate Risk and Adaptation to Climate Security in Israel and the Middle East: Policy Measures toward Geopolitical Cooperation and Regional Transformation”, J. Gordon, edited: C. Lubanov, AEJI (2017).

Graph 1a: Global Migration Response to Climate Shocks

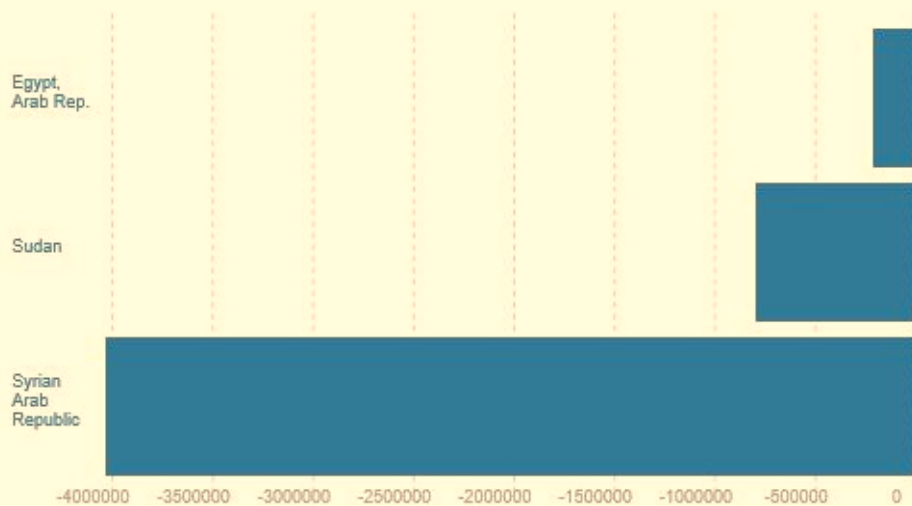
Global annual forced migration as a function of time and WAIS scenario



Source Nicholls et al. 2008 (WAIS: West Antarctic Ice Sheet collapse)

Graph 1b : Net Migration: Egypt, Syria, Sudan (2012)

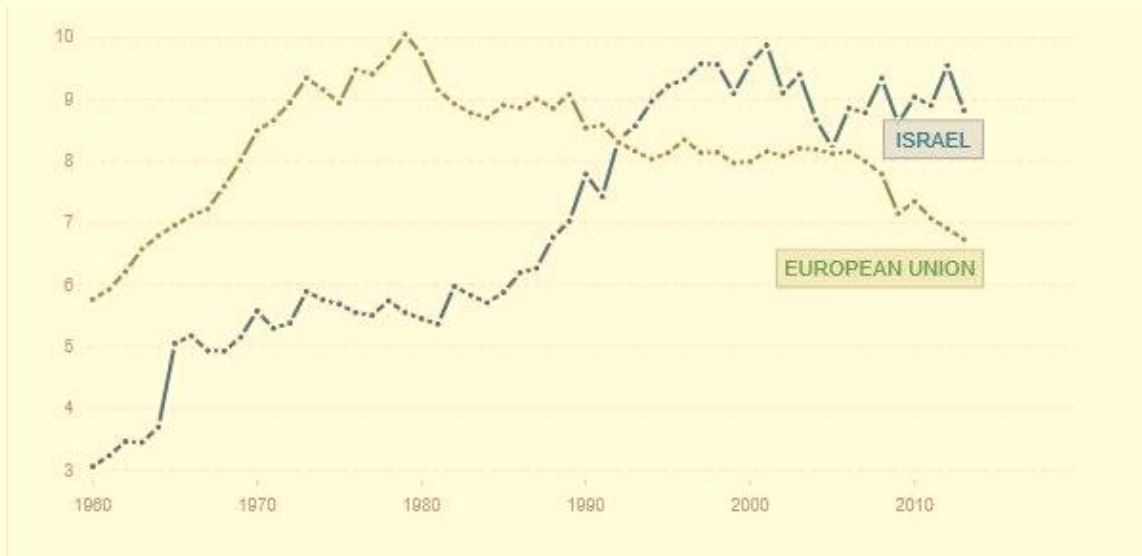
Net migration is the net total of migrants during the period, that is, the total number of immigrants less the annual number of emigrants, including both citizens and noncitizens. Data are five-year estimates.



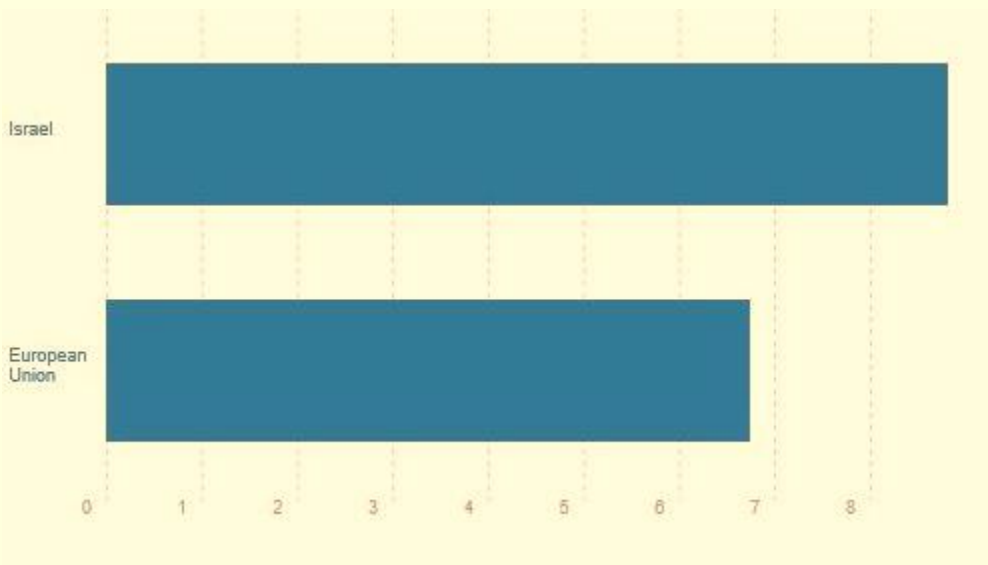
Source: United Nations Population Division, World Population Prospects.

Graph 2a: Israel and European Union 1960-2013

CO₂ Emissions (metric tons per capita): Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.



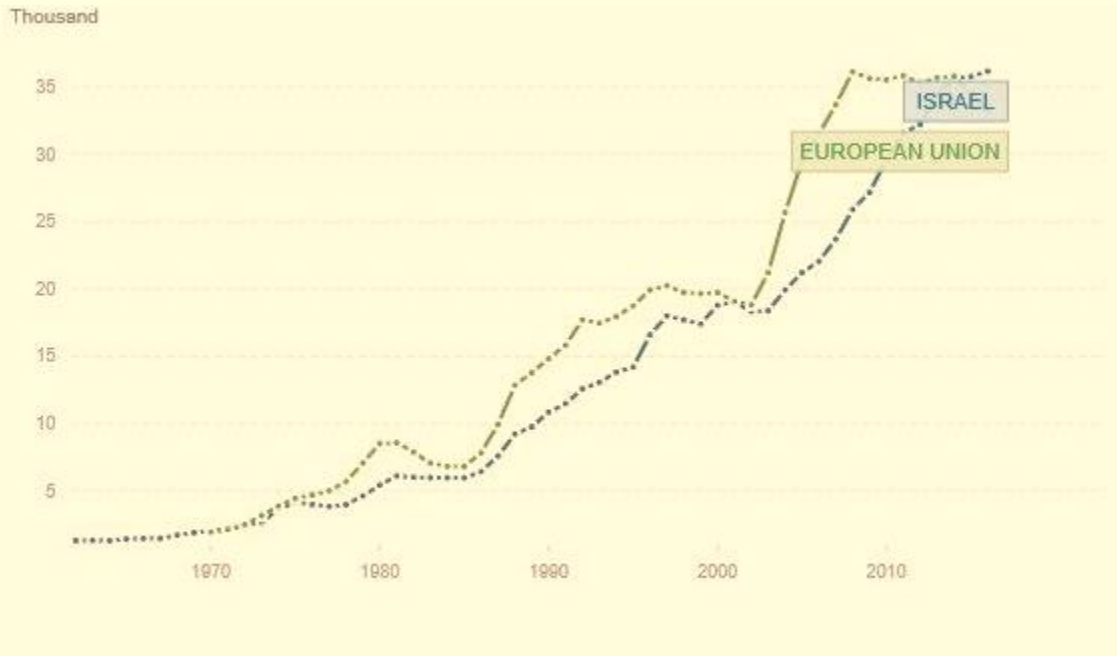
Israel and European Union: CO₂ Emissions 2013



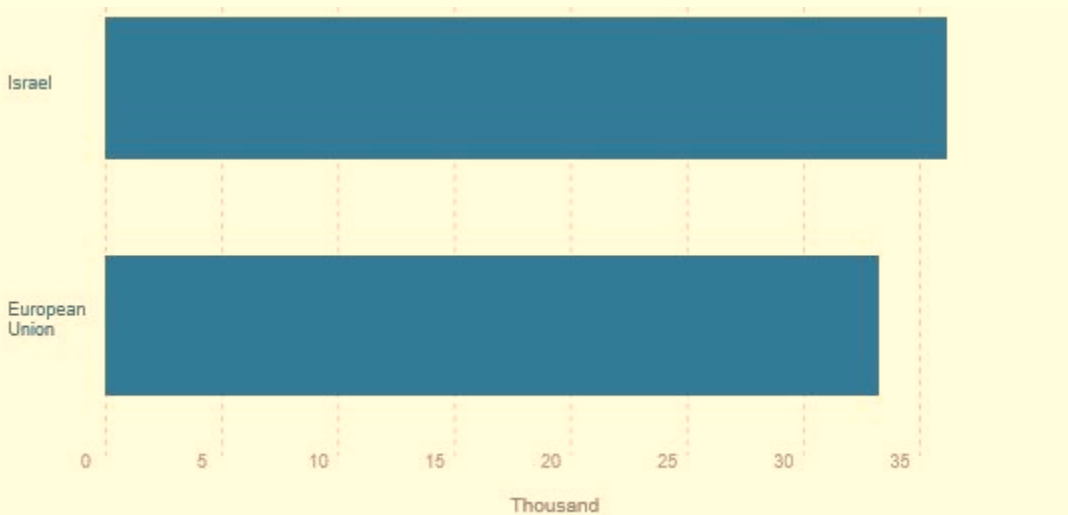
Source: Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, Tennessee, United States.

Graph 2b: Israel and European Union 1960-2013

GNI per capita, Atlas method (current US\$): GNI per capita (formerly GNP per capita) is the gross national income, converted to U.S. dollars using the World Bank Atlas method, divided by the midyear population.



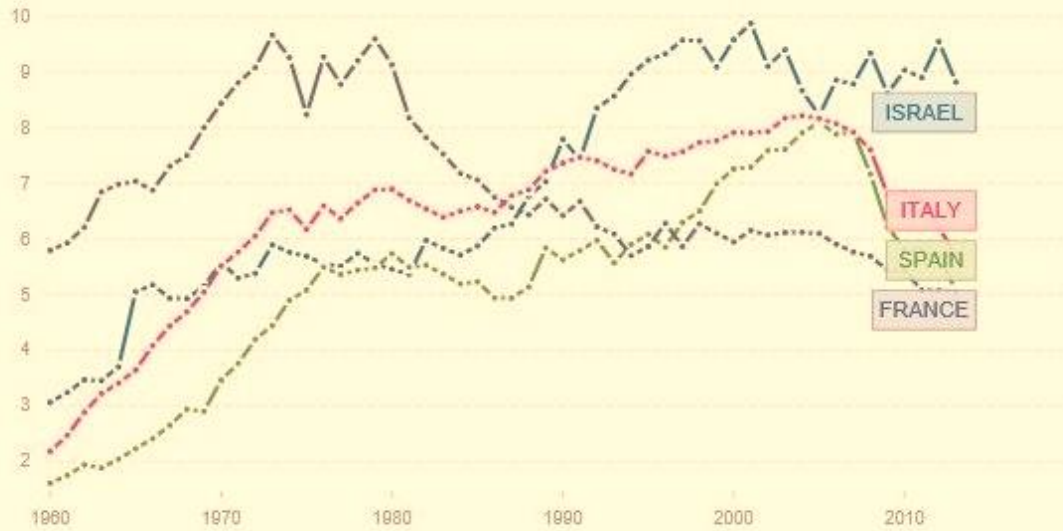
Israel and European Union: GNI per capita 2013



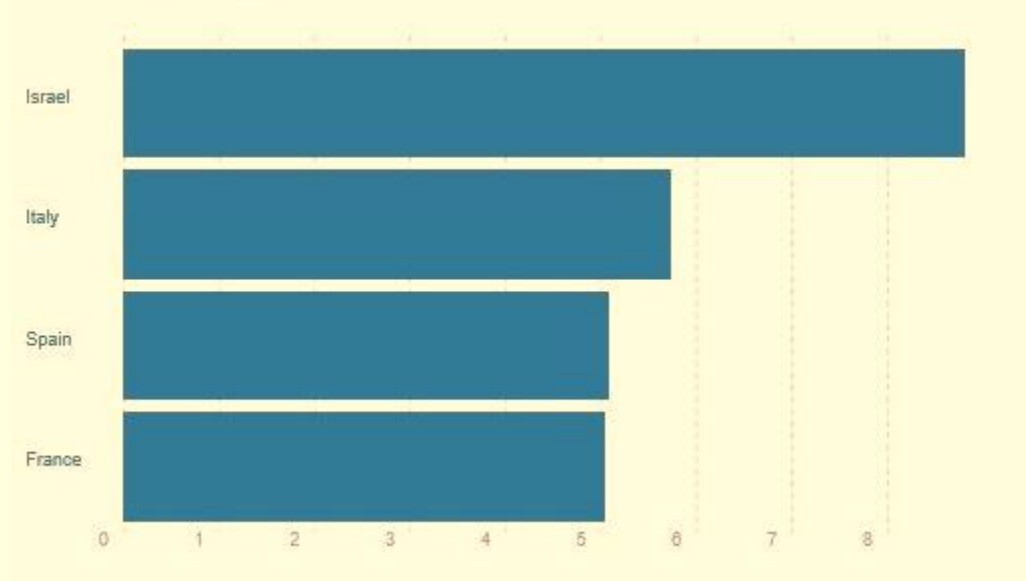
Source: World Bank national accounts data, and OECD National Accounts data files.

Graph 2c: Israel, France, Italy and Spain 1960-2013

CO₂ Emissions (metric tons per capita)



Israel, France, Italy and Spain: CO₂ Emissions 2013



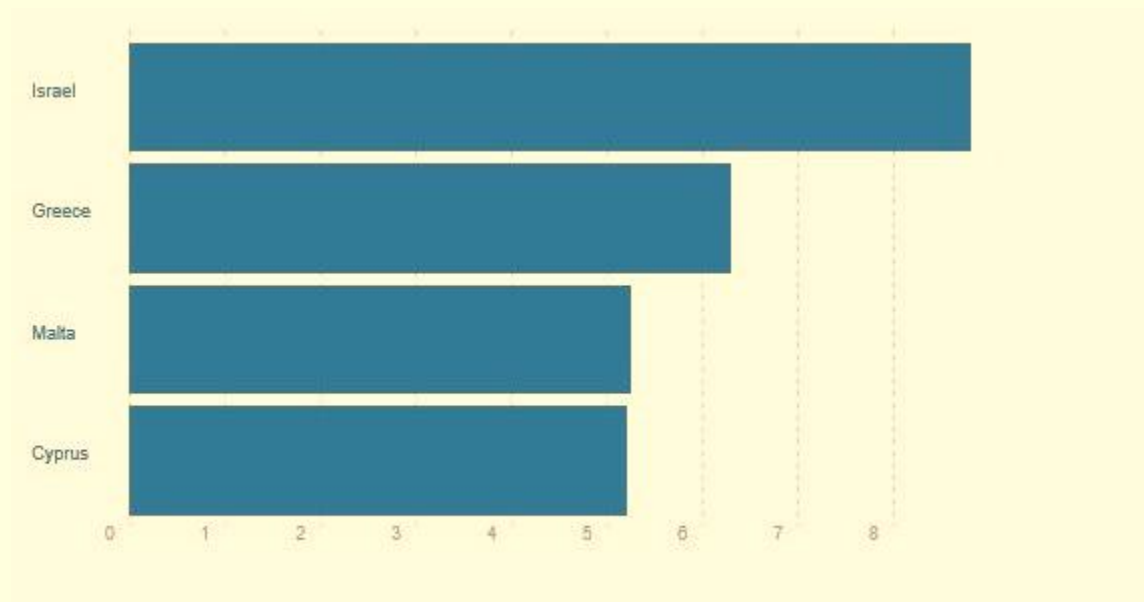
Source: Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, Tennessee, United States.

Graph 2d: Israel, Cyprus Greece and Malta 1960-2013

CO₂ Emissions (metric tons per capita)



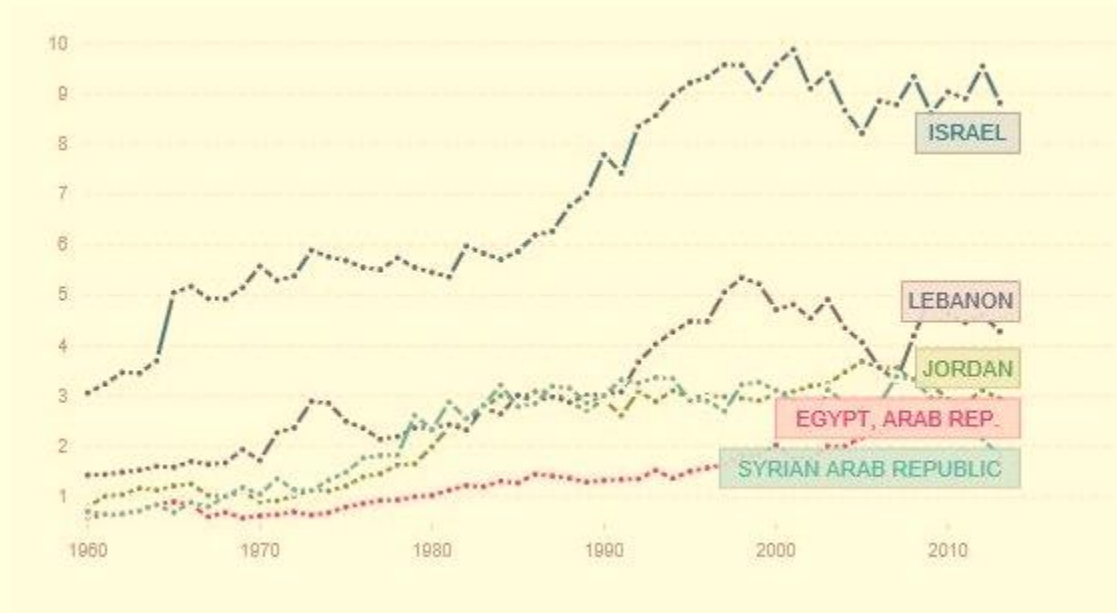
Israel, Cyprus Greece and Malta: CO₂ Emissions 2013



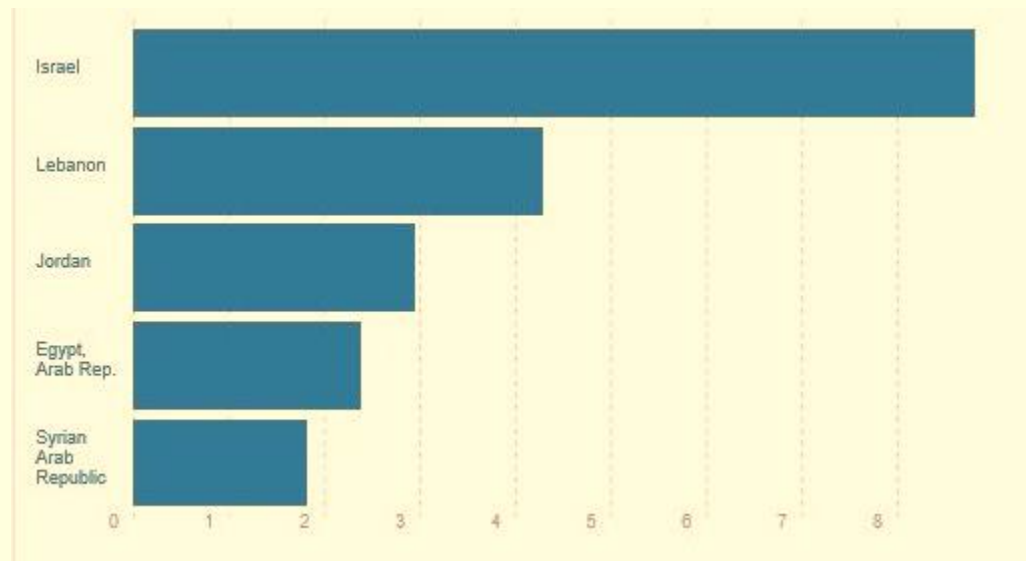
Source: Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, Tennessee, United States.

Graph 2e: Israel, Egypt, Jordan, Lebanon and Syria 1960-2013

CO₂ Emissions (metric tons per capita)



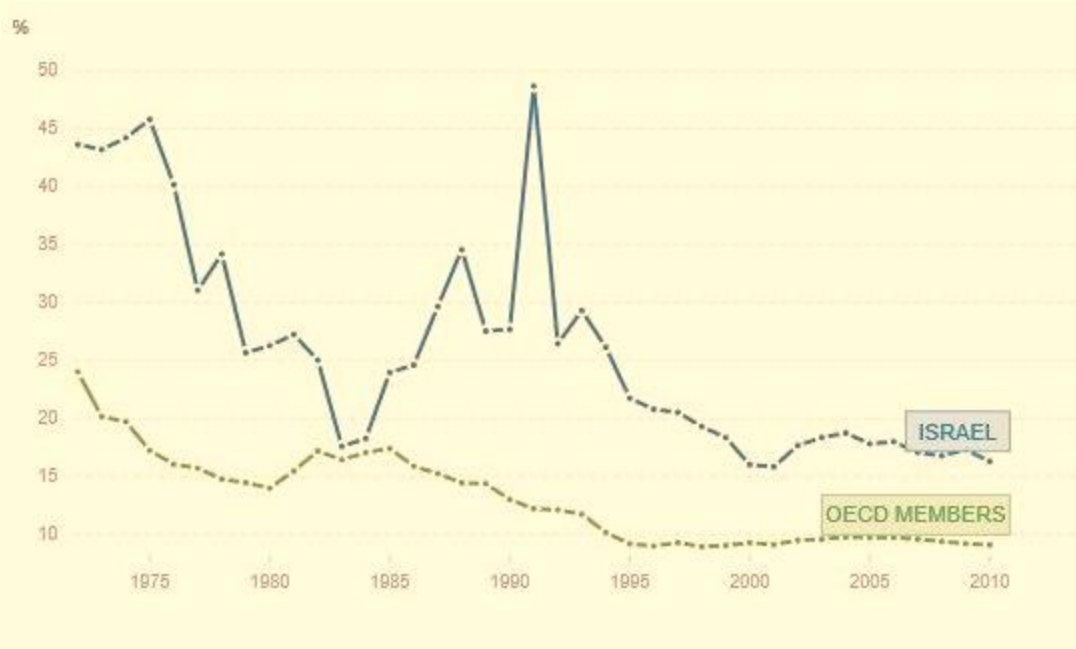
Israel, Egypt, Jordan, Lebanon and Syria: CO₂ Emissions 2013



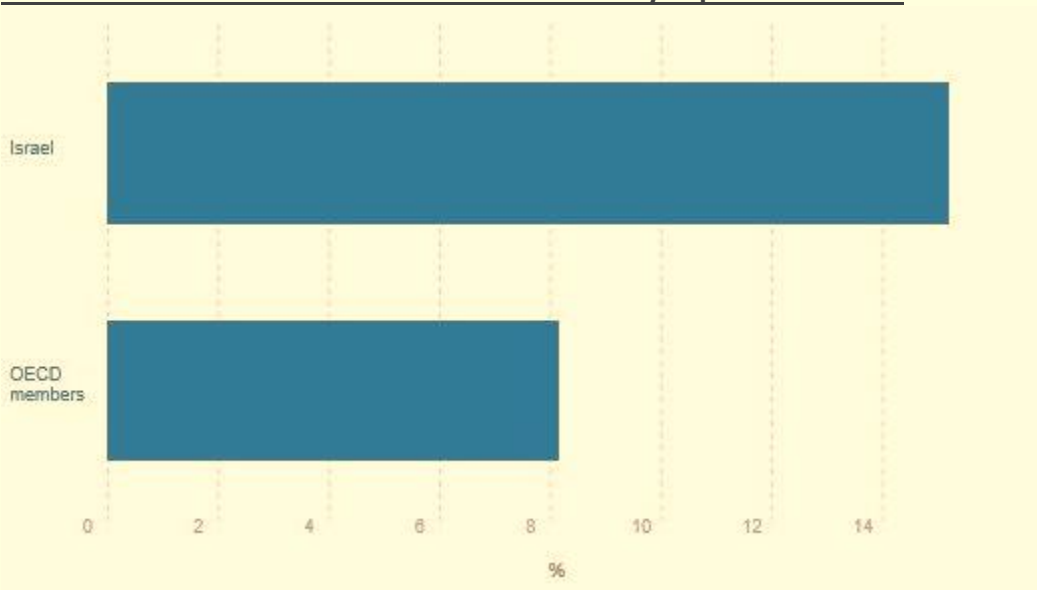
Source: Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, Tennessee, United States.

Graph 3a: Israel and the OECD 1972-2016

Military expenditure (% of central government expenditure)



Israel and the OECD: Central Government military expenditure 2015



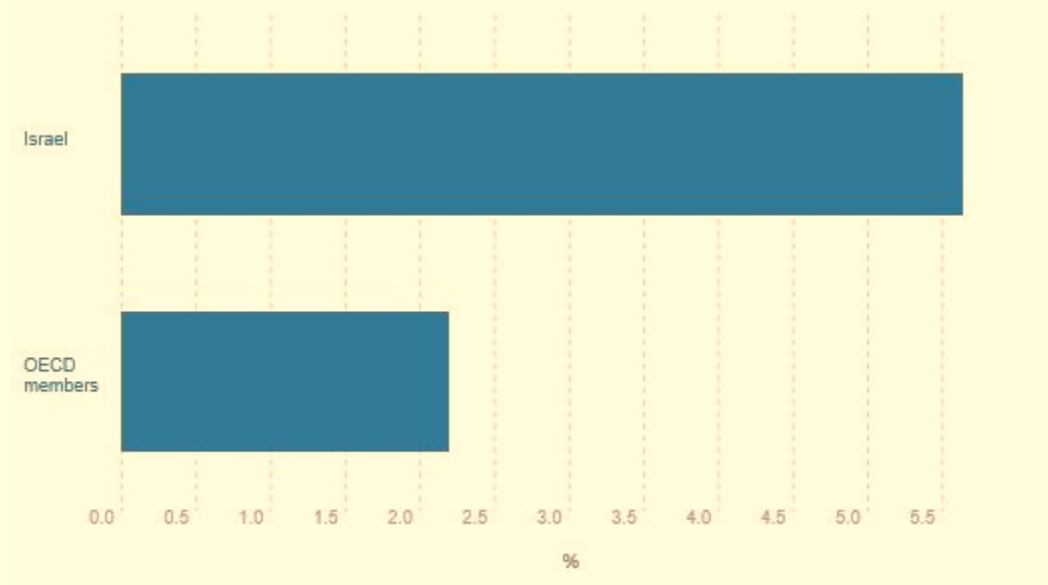
Source: Stockholm International Peace Research Institute (SIPRI), Yearbook: Armaments, Disarmament and International Security

Graph 3b: Israel and the OECD 1960-2016

Military expenditure (% of GDP)



Israel and the OECD: Military expenditure (% of GDP) 2016



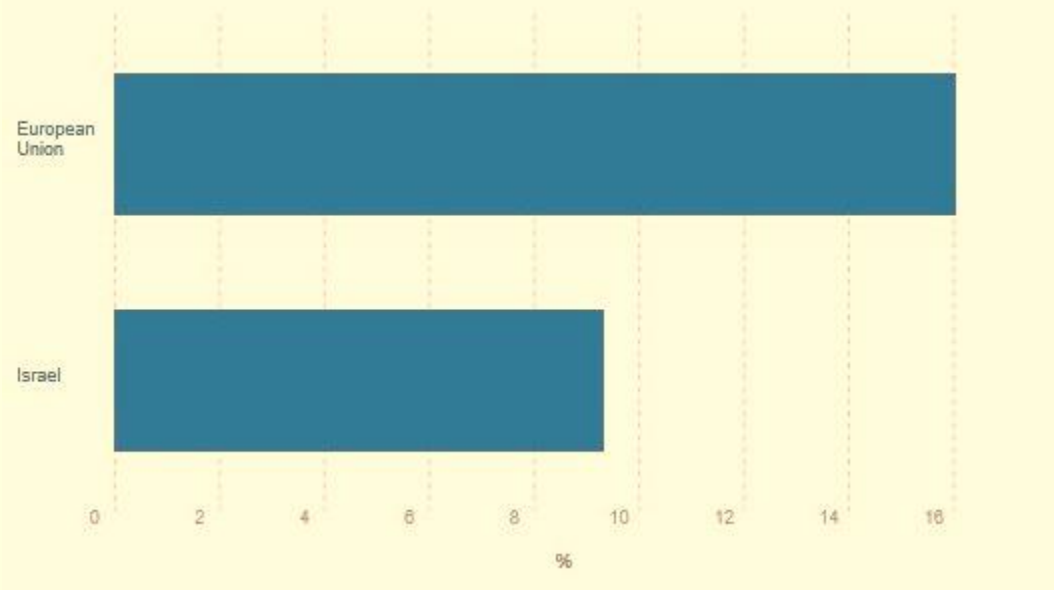
Source: Stockholm International Peace Research Institute (SIPRI), Yearbook: Armaments, Disarmament and International

Graph 4: Israel and the European Union (1990-2014)

Renewable energy consumption (% of total final energy consumption): Renewable energy consumption is the share of renewable energy in total final energy consumption



Israel and the European Union: Renewable Energy Consumption 2014



Source: World Bank, Sustainable Energy for All (SE4ALL) database from the SE4ALL Global Tracking Framework led jointly by the World Bank, International Energy Agency, and the Energy Sector Management Assistance Program

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