

POVERTY COMPOSITE INDICATOR

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The cost of ending poverty

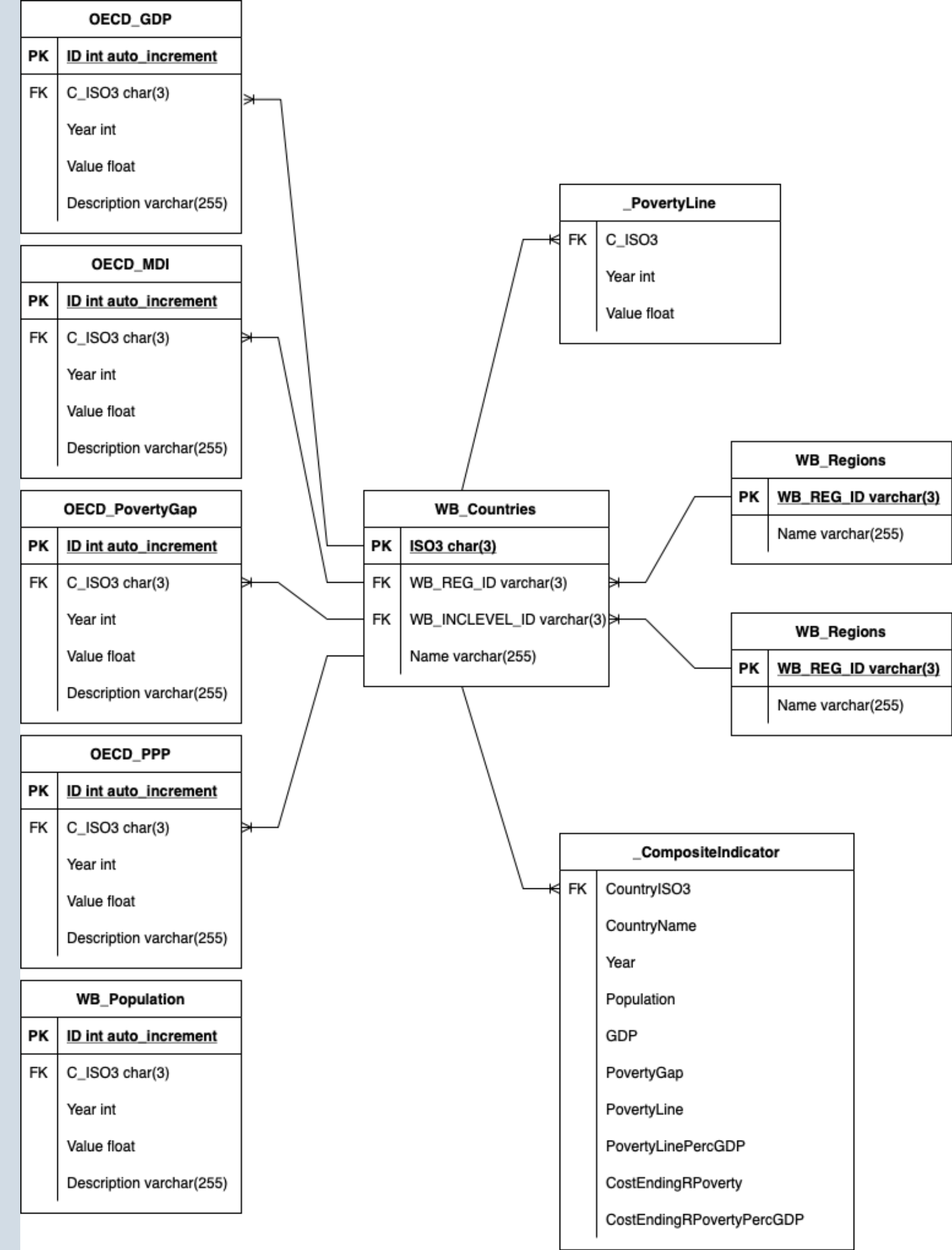
$$CERP_{\% \text{ GDP}} = \frac{\textit{Poverty Gap} \times \textit{Poverty Line} \times \textit{Population}}{\textit{GDP}}$$



Consistency of definitions (Poverty Gap / Line) and units

ER Model

- MySQL database hosted on 
- 10 tables including _PovertyLine and _CompositeIndicator resulting from SELECT queries 
- Country ISO3 to make joins



Datasources



Direct API calls



- GDP
- Poverty Gap
- Median Disposable Income
- PPP



wbgapi API wrapper



- Population
- Country codes and aggregates

Selected results

Top 5 countries (lower cost)

	CountryName	IncomeLevel	LatestAvailableYear	CostClosingRPovertyPercG...
►	Ireland	High income	2018	0.032
	Luxembourg	High income	2019	0.047
	Mexico	Upper middle income	2018	0.051
	Czech Republic	High income	2019	0.052
	Turkey	Upper middle income	2018	0.057

Ireland is no.1 : the cost of ending poverty is only 3.2% of its GDP.

Relatively low poverty line compared to GDP per capita : around 20% or below.

It denotes relative equality among the general population.

Bottom 5 countries (higher cost)

	CountryName	IncomeLevel	LatestAvailableYear	CostClosingRPovertyPercG...
►	United States	High income	2019	0.121
	Italy	High income	2018	0.116
	Canada	High income	2019	0.113
	Korea, Rep.	High income	2018	0.112
	Brazil	Upper middle income	2016	0.109

USA is where the cost of ending poverty is the higher: 12.1% of its GDP (equals Italy's GDP in absolute value!).

Relatively high poverty line compared to GDP per capita : around 30% or more.

It denotes relative inequality among the general population.

Demo time!

Thank you!
Any question?



(if not, Kseniia will assign you an extra lab...)



Please refer to the README on our Github repo for more information.