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Comparison of petroleum royalty rates by country¹

Country	Percentage	Calculation
Algeria	5.5% - 20%	Royalty rates vary by location and production based on gross income.
Argentina	12%	Calculated on wellhead value of product.
Brazil	5% - 10% 15%	Concession contract – calculated on oil and gas production reference price. Production sharing contract – calculated on volume of produced oil.
Canada	Up to 45%	Varies by province, generally based on a function of well productivity and the wellhead price. British Columbia – oil 0% - 40%, gas 5% - 27% Alberta – 5% - 40% Saskatchewan – 2.5% - 20% Manitoba – 12.5% Nova Scotia – 2% - 35% Newfoundland – 0% - 50% Yukon – 2.5% - 25% NW territories and Nunavut – 1% - 30%
Colombia	8% - 25%	Depending on level of production measured by monthly average of barrels per day.
Croatia	10%	Of market value of gross production. Royalties are tax deductible.
Ecuador	12.5% - 18.5%	Depending on level of product in barrels per day.
Germany	Up to 40%	Depending on the location of the oil or gas field, based on the market value of the produced oil or gas at the time of the production. Royalties are tax deductible.
Ghana	3% - 12.5%	Of the gross production of crude oil and natural gas.
India	12.5% 10% 10% 5% 10%	On the wellhead value at the following rates: Land areas crude oil natural gas and coal bed methane Shallow water offshore areas — crude oil and natural gas Deepwater offshore areas - crude oil and natural gas first seven years of commercial production thereafter
Libya	16.67%	Of production and valued at the "Libyan posted price" applicable to liftings in the month that the royalty is paid.
Malaysia	10%	Of gross production.
Mexico	From 5%	Percentage rate of the value of hydrocarbons.
Morocco	10% oil 5% gas 7% oil 3.5% gas	Onshore and offshore up to 200 metres' water depth. The first 300,000 tonnes of oil and 300 million cubic meters of gas produced from each exploitation concession are exempt. Offshore in more than 200 meters' water depth. The first 500,000 tonnes of oil and 500 million cubic meters of gas produced from each exploitation concession are exempt.
New Zealand	5%	Exploration permit - of net sales revenue of petroleum obtained ³ .

¹ Information on overseas jurisdictions source: EY 2018 Global Oil & Gas Tax Guide https://www.ey.com/Publication/vwLUAssets/ey-global-oil-and-gas-tax-guide/\$FILE/ey-global-oil-and-gas-tax-guide.pdf

² The "Libyan posted price" is an anachronism: it is US\$27.75 at 40 degrees API.

³ Or for a mining permit - if net sales profits are greater than \$1 million, 20% of accounting profits of the petroleum obtained.

Country	Percentage	Calculation
	5% - 20%	Stored gas – of estimated value of gas stored underground where mined from outside permit area. Mining permit - the higher of 5% of net sales revenue of petroleum obtained or 20% of accounting profits of petroleum obtained where net sales are greater than \$1 million.
Nigeria	20% 0%-18.5%	Of oil produced:
Pakistan	12.5% 0% - 12.5%	Onshore operations – Of the value of the petroleum at the field gate. Offshore operations - Of the value of petroleum at the field gate, depending on length of time after commencement of commercial production.
Papua New Guinea	2%	Of the wellhead value.
Peru	5% - 20% 15% - 35%	Production scale - depending on barrels per day. Economic results – where ratio between revenues and expenditure is at least 1.15 - 5% + variable royalty percentage of between 5% - 20%. Contractual – minimum percentage depending on "R" factor (ratio between
Poland	1.5% - 3% 3% - 6%	revenues and expenditures). For natural gas extracted - volume x average price. For oil extracted - volume x average price.
Romania	3.5% to 13.5%	Of oil extracted.
South Africa	0.5% - 5%	On gross sales and earnings. Deductible for income tax purposes.
Tanzania	12.5% 7.5%	Of gross total crude oil/natural gas production:
Ukraine	14% or 29% 6% - 70%	Of value of crude oil or condensate, depending on depth. Of value of natural gas, depending on, inter alia, depth and whether extracted under joint activity agreement.
USA	12.5 to 30%	Onshore: Of the gross wellhead value for all petroleum produced (based on lease or contract). Offshore: On gross wellhead value of production, based on the percentage set at the time of the auction.
Uzbekistan	20%	Of petroleum extracted.
Venezuela	30% +3.33%	Of value of crude oil extracted ⁴ . In by-laws of joint ventures.



⁴ May be reduced to 20% if oil field is not otherwise economically exclerits均ignature: