Production of oil and gas on the NCS

Oil production (incl. NGL and condensate) vs Gas production

Source: MPE/NPD
Government’s net cash flow from the petroleum activities 1988-2001

Source: MPD/NPD/Ministry of Finance

*estimate
Sources of Norwegian carbon dioxide emissions, 2000

- Road traffic: 22%
- Petroleum operations: 27%
- Other mobile sources: 9%
- Other industrial processes: 18%
- Heating: 19%
- Costal traffic and fishing: 5%

Source: Statistics Norway/SFT
Carbon dioxide emissions from petroleum activities in 2000 by source

- Stationary sources offshore: 88.1%
- Exploration drilling: 0.7%
- Production drilling: 2.8%
- Gas terminals: 1.8%
- Process emissions: 6.6%
Taxed carbon dioxide emissions from oil and gas production by source

- Fuel gas: 82%
- Flaring: 13%
- Diesel: 5%

Source: NPD
Total emissions of carbon dioxide from the Norwegian petroleum sector

Source: MPE/NPD
Emissions of CO₂ per unit produced

Source NPD
Sources of nitrogen oxide emissions in Norway, 2000

- Coastal traffic and fishing: 36%
- Petroleum operations: 23%
- Other mobile sources: 7%
- Other industrial processes: 5%
- Heating: 7%
- Road traffic: 22%

Source: Statistics Norway
Nitrogen oxide emissions from oil and gas production by source, 2001

- Fuel gas: 66%
- Flaring: 16%
- Diesel: 18%

Source: NPD
Emissions of nitrogen oxides from the Norwegian petroleum sector

Source: MPE/NPD
Emissions of nitrogen oxides per unit produced

Source: MPE/NPD
Sources of nmVOC emissions in Norway, 2000

- Petroleum activities: 64%
- Road traffic: 11%
- Other industrial processes: 17%
- Heating: 3%
- Other mobile sources: 5%

Source: Statistics Norway
Sources of nmVOC emissions from the petroleum sector

- Offshore loading: 88%
- Terminals: 9%
- Diffuse emissions: 2%
- Fuel: 1%

Source: NPD
Total emissions of nmVOC from the Norwegian petroleum sector

Source: MPE/NPD
nmVOC emissions per produced unit

Source: MPE/NPD
Chemical discharges on the NCS by activity, 2000

- Drilling chemicals: 90%
- Gas treatment chemicals: 5%
- Production chemicals: 4%
- Other chemicals: 1%

Source: SFT
Total chemicals discharged from Norwegian petroleum activities

Source: SFT
Total oil discharges by source

- Oily cuttings
- Produced water
- Displacement
- Spills
- Total discharges

Source: SFT
Discharges of drilling chemicals per metre drilled

Source: SFT/NPD
Oil discharges on the NCS by activity, 2000

- Produced water: 89%
- Ballast and drainage water: 10%
- Acute discharges: 1%

Source: SFT
Discharges of oil per cubic metre of produced water

![Graph showing discharges of oil per cubic metre of produced water from 1990 to 2000.](source)

Source: SFT
Volumes of produced water and produced water discharged, historical and forecast

Source: NPD
Content of production, injection and pipeline chemicals in produced water

Source: SFT
Acute oil spills over one tonne

Source: SFT