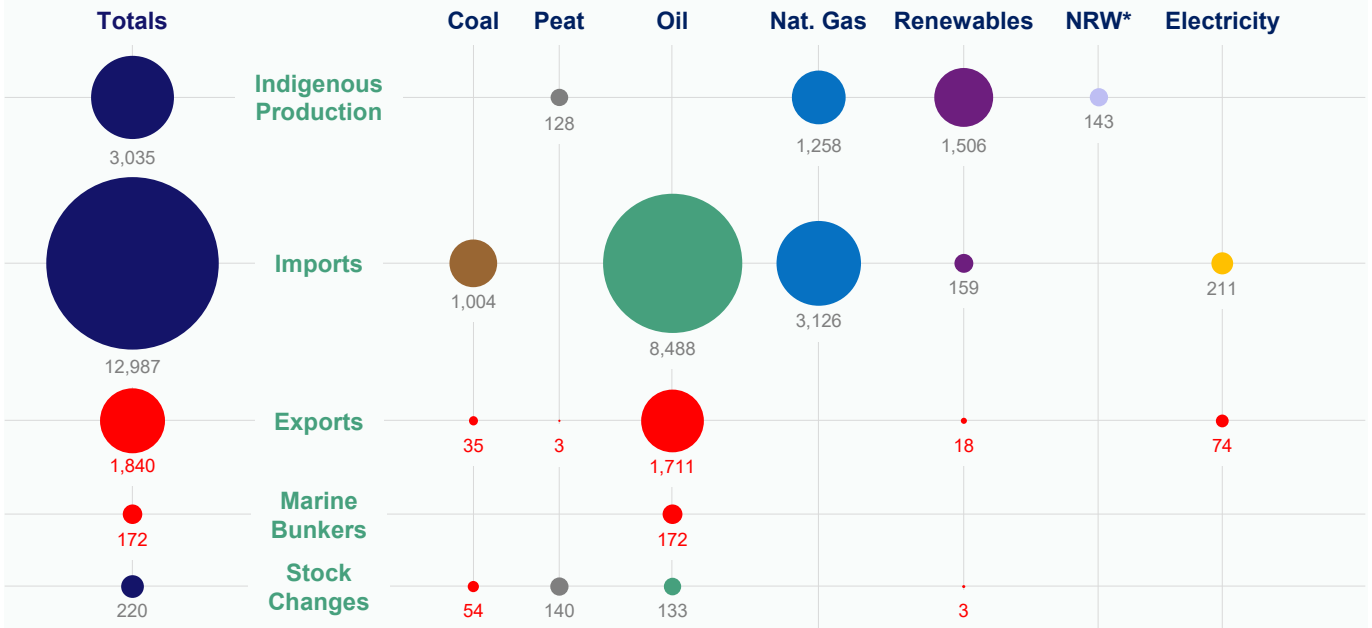
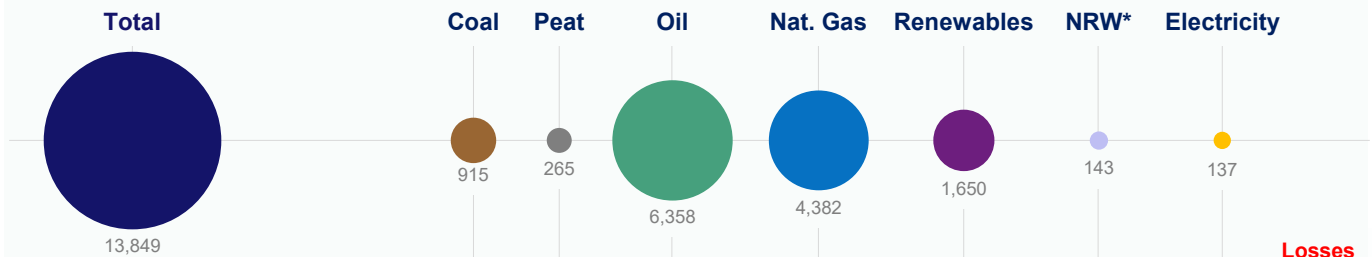


Origin and Flow of Primary Energy (ktoe)



Primary Energy Supply (ktoe)

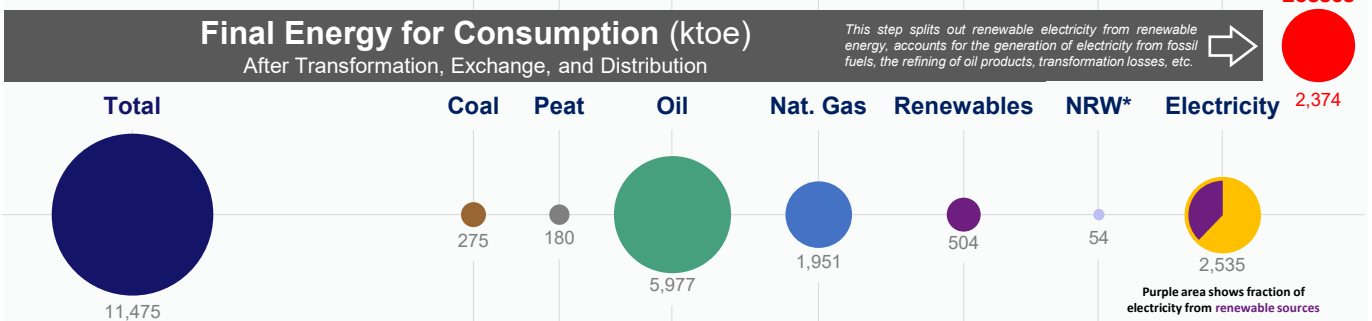


Final Energy for Consumption (ktoe)

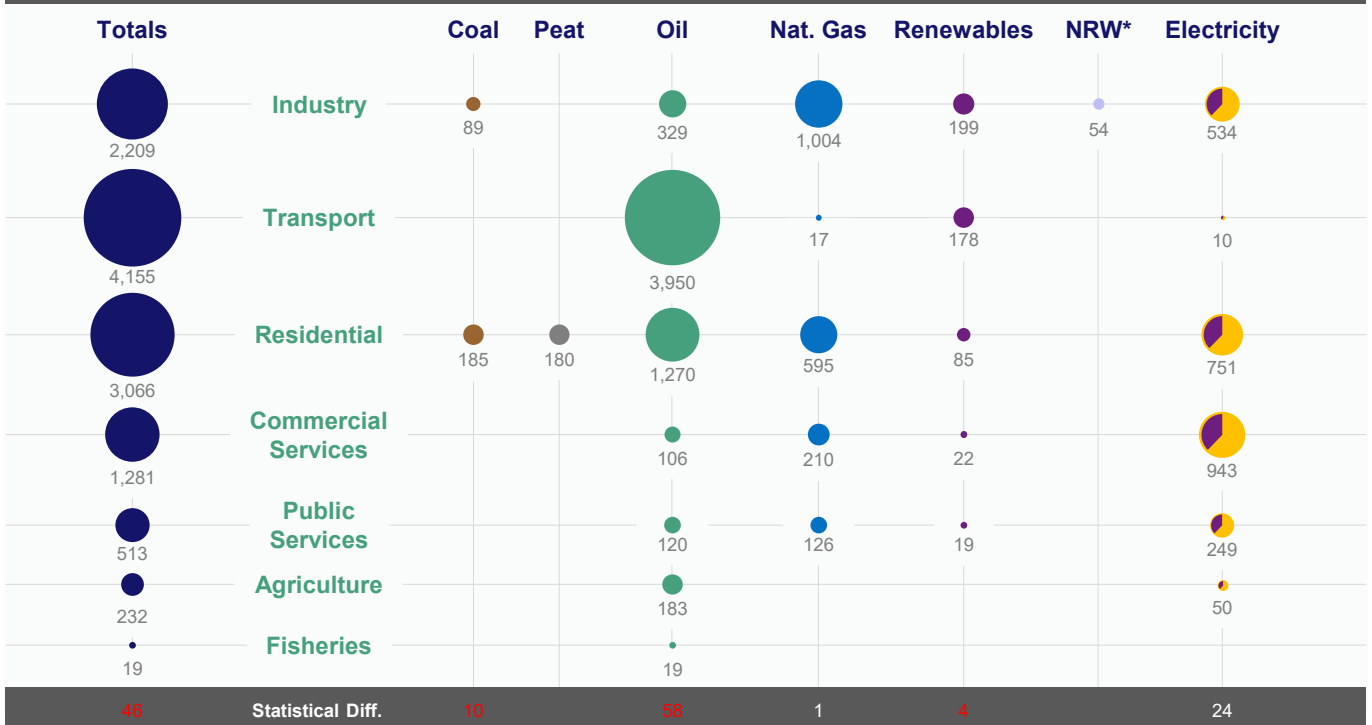
After Transformation, Exchange, and Distribution

This step splits out renewable electricity from renewable energy, accounts for the generation of electricity from fossil fuels, the refining of oil products, transformation losses, etc.

Losses



Final Consumption Breakdown by Sector (ktoe)



This is a visual summary of SEAI's 2021 National Energy Balance. The area of each circle is proportional to the size of the relevant energy supply or consumption. The value under each circle is the relevant energy expressed in ktoe units. Circles and values in red are used to indicate a negative energy with respect to the Energy Balance, such as (net) exports, or transmission and distribution losses. Values less than 0.5 ktoe are not shown. SEAI's 2021 National Energy Balance provides greater detail and granularity on energy sources and consumption sectors. Energy Balance data is available back to 1990. For more information please visit – www.seai.ie/NationalEnergyBalance.

SEAI would like to thank the organisations, agencies, energy suppliers and distributors that provided data towards the Energy Balance.

*NRW – Non-renewable waste