

National Diagnostic Reference Levels (DRLs) for Nuclear Medicine Procedures

What is nuclear medicine?

Nuclear medicine:

- uses small amounts of a radioactive substance
- generates an image using a detector such as a gamma camera
- diagnoses or monitors the progress of a disease or injury in the body.

Key findings

The national DRLs broadly align with previously established DRLs.

National DRLs for CT hybrid imaging were established for the first time in Ireland.

All paediatric procedures were weight-based administered activities. These were based on international guidance.

55% of equipment was greater than 10 years old.

Our report in numbers

18



National DRLs were established for adult and paediatric nuclear medicine procedures in 2023.

Medical facilities provide diagnostic nuclear medicine procedures in Ireland.

24



39,767

Diagnostic nuclear medicine procedures were completed in Ireland in 2022.



Pieces of equipment.

38

The most common procedures performed were:

