



PHILIPPINE NUCLEAR RESEARCH INSTITUTE 2022 PHILDOSE ANNUAL REPORT

Philippine Dose Registry of Occupationally Exposed Workers



WHAT WE ARE DOING

The Philippine Dose Registry (PhilDose) is a web-based information system that contains the radiation dose records of occupationally-exposed workers in the Philippines, storing doses received from Gamma, Beta and Neutron radiation. The PhilDose is the first Dose Registry for occupational radiation exposure in the Philippines and is currently maintained and updated by the Radiation Protection Services Section of the Philippine Nuclear Research Institute.

“Our GOAL is to be the centralized repository of dose records of workers exposed to radiation”

Types of radiation monitored:

Beta, Gamma,
X-ray, Neutron

Types of dosimeters used:

OSLD & TLD*
(Optically Stimulated Luminescence)
(Thermoluminescence)

Quantities Reported:

Whole Body Dose (mSv)
Hp(10) & Hp(0.07)

THE 2022 NUMBERS

1636

Facilities Monitored



9588

Workers Monitored



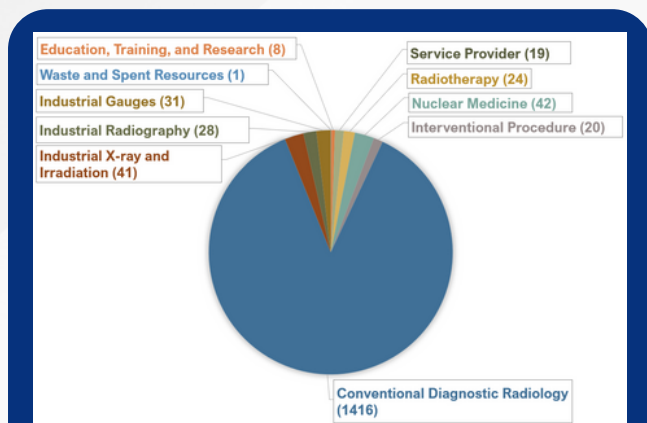
Mean Doses:

Hp(10): 0.06 mSv
Hp(0.07): 0.07 mSv

Highest Doses Measured:

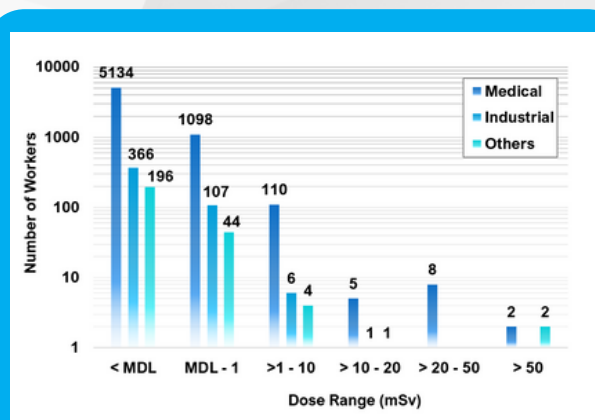
Hp(10):
173.77 mSv

Hp(0.07):
280.81 mSv



In 2022, a total of 1636 facilities were monitored.

- Medical Facilities: 92%
- Industrial Facilities: 7%
- Others: 2%



In 2022, 80% of the total workers monitored received doses below the minimum detectable limit (MDL) of the dosimeter. 18% received doses less than 1 mSv; and 1.7% received doses between 1 - 10 mSv. 1% of the total population received doses greater than 10 mSv.

For more information, go to
<https://services.pnri.dost.gov.ph/registry/>
for the PhilDose website!