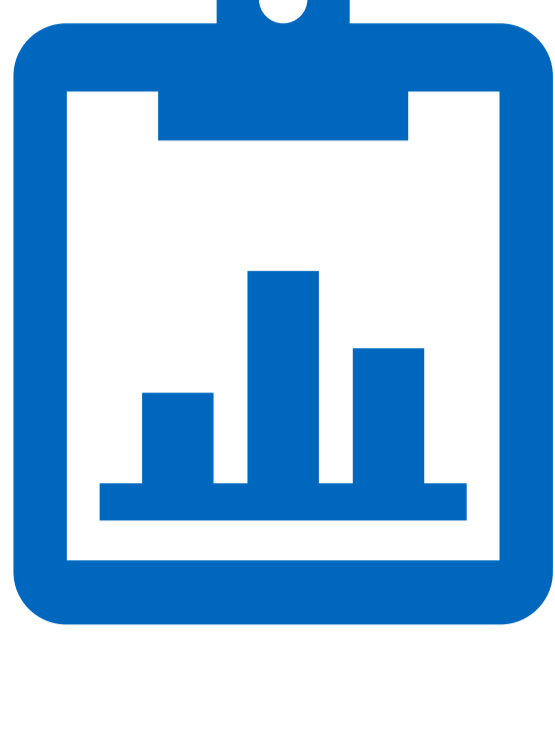


Summary of Northwest Territories

CADTH's Canadian Medical Imaging Inventory (CMII) collects data on medical imaging equipment across Canada. The national results are published in a [comprehensive report](#), and this provincial summary consolidates the Northwest Territories data from that report. If you are a CADTH customer and require additional information on the technical characteristics of imaging equipment, please send a request to cmii@cadth.ca.

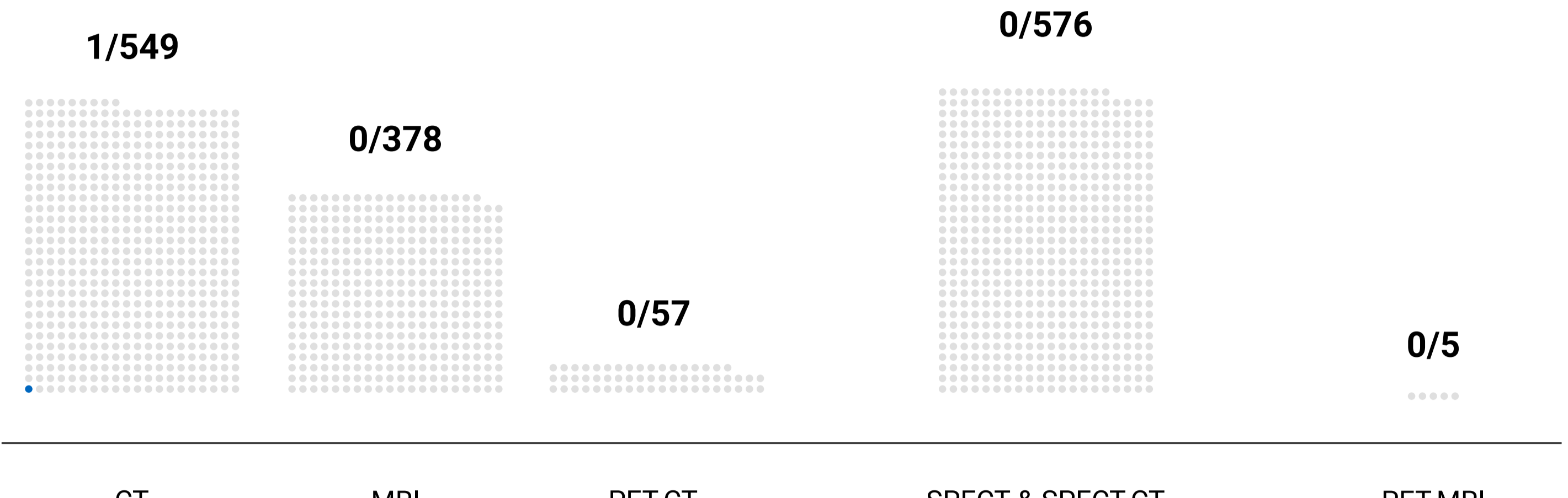


The Northwest Territories has a 160-slice CT unit located at the Stanton Territorial Hospital in Yellowknife. The CT unit was installed in 2016 and replaced a machine that was originally installed in 2005. The Northwest Territories does not have other advanced imaging equipment.

All CT images are stored on a picture archiving communication system and are accessible throughout the Northwest Territories' health care system. Exam requisitions are reviewed by a radiologist or technologist for appropriateness and all CT exams are booked through a centralized order entry system.

Machines in Total

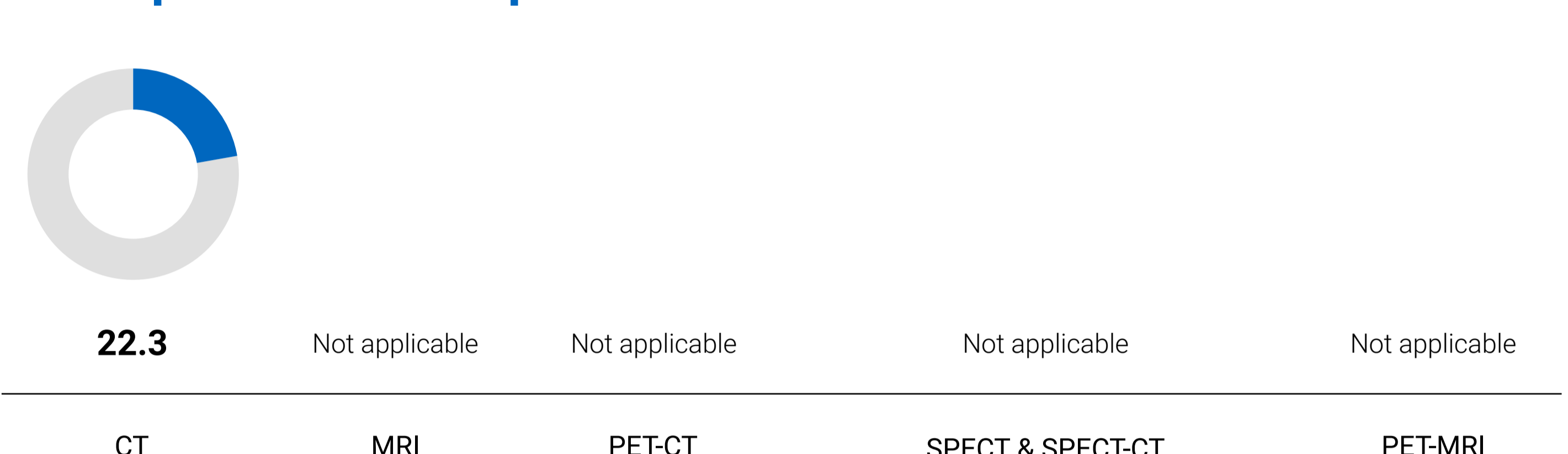
Number of imaging units out of national total 2019-2020



Mobile Equipment

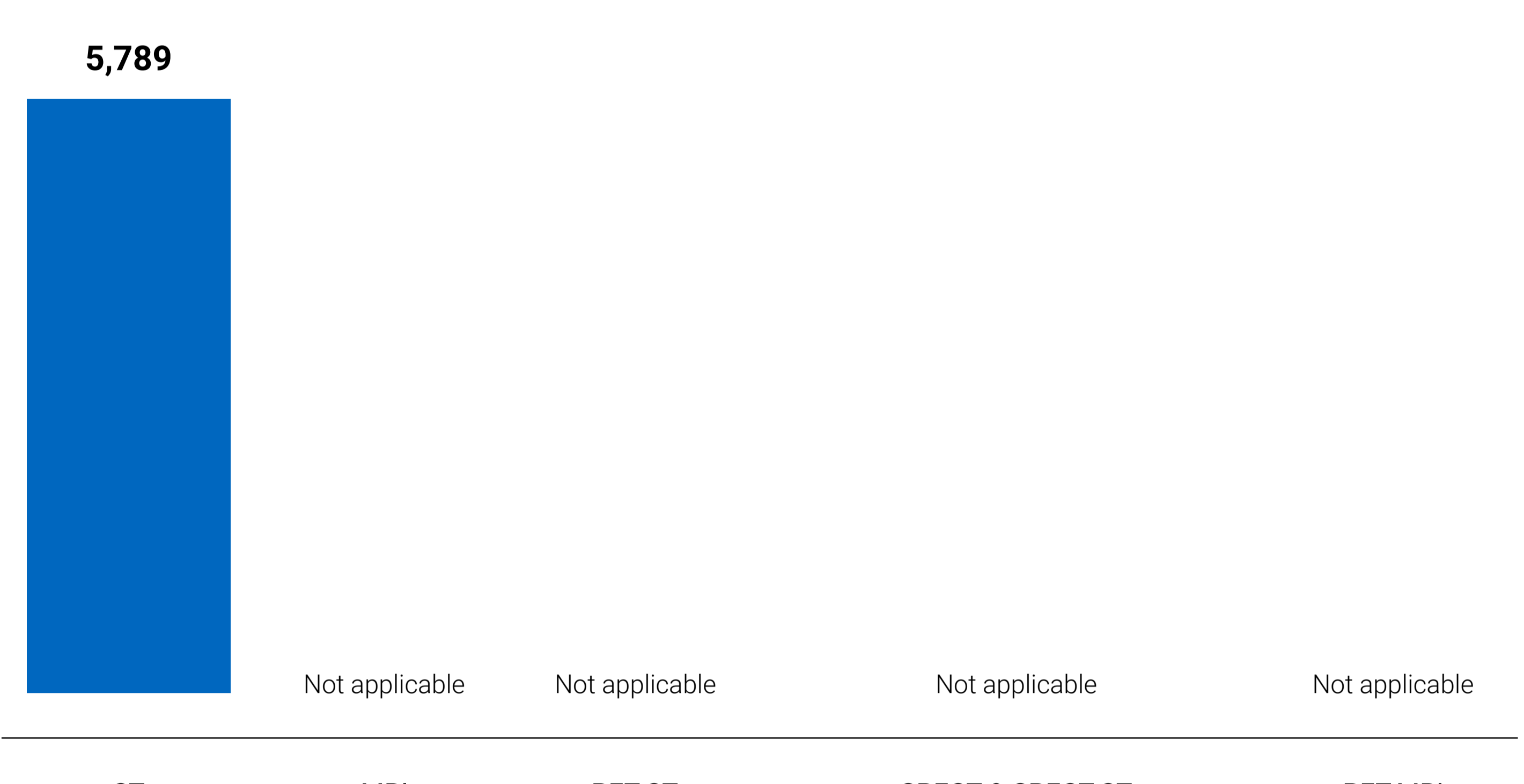
Modality	Count
CT	0/1
MRI	Not applicable
PET-CT	Not applicable
SPECT & SPECT-CT	Not applicable
PET-MRI	Not applicable

Units per Million Population Out of Canadian Total



Exams per Year

Number of exams for each modality in Northwest Territories

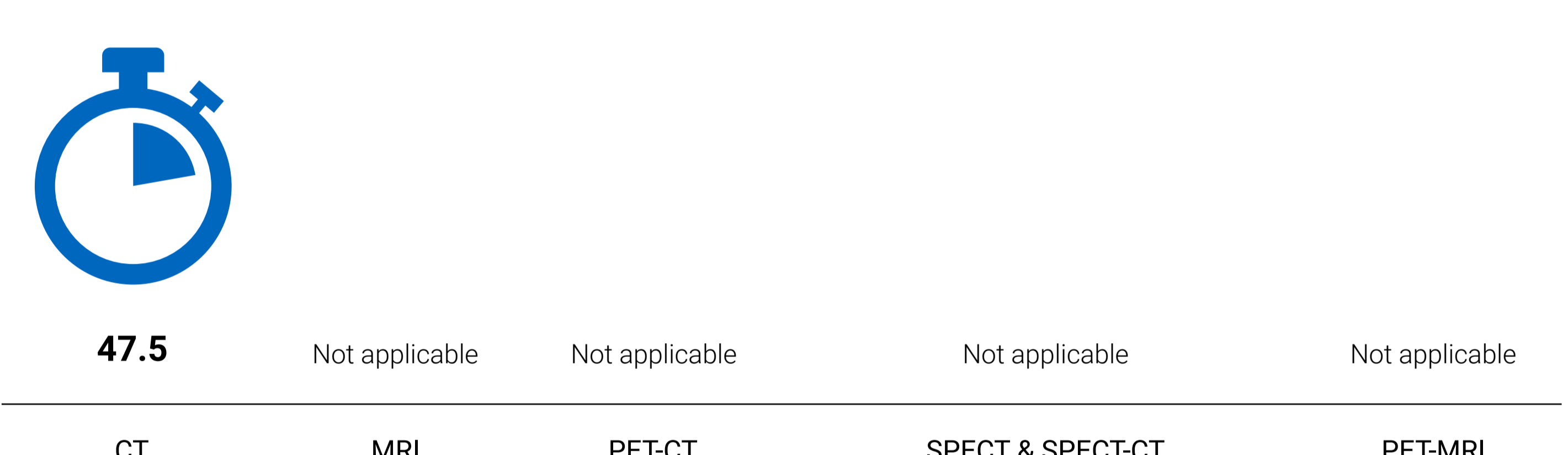


Exams per 1,000 People

Modality	Exams per 1,000 People
CT	128.9
MRI	Not applicable
PET-CT	Not applicable
SPECT & SPECT-CT	Not applicable
PET-MRI	Not applicable

Hours of Operation

Average hours of operation per week



Sites Operating 24 Hours a Day

Modality	Number of Sites
CT	0
MRI	Not applicable
PET-CT	Not applicable
SPECT & SPECT-CT	Not applicable
PET-MRI	Not applicable

Sites Operating on Weekends

Modality	Number of Sites
CT	1
MRI	Not applicable
PET-CT	Not applicable
SPECT & SPECT-CT	Not applicable
PET-MRI	Not applicable

Average Age of Units Across Canada (Years)

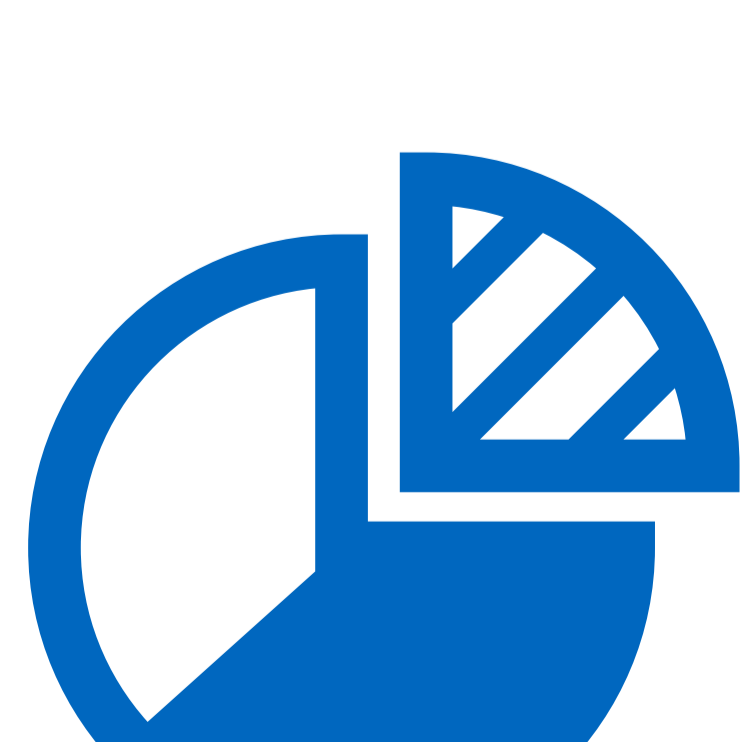
Category	CT	MRI	PET-CT	SPECT	SPECT-CT	PET-MRI
Average	8.1	8.6	8.2	13.2	6.6	5
Oldest	23	20	17	33	17	7
Newest	0	0	0	0	0	2

Data Limitations

Data were imputed for a limited number of missing values if no response was obtained. In particular, if the questions regarding the mobility of imaging equipment or weekend and 24-hour availability were left blank, the answer was assumed to be no. Technical information, including the age of machines, was incomplete for some sites. If the age of equipment was not available, it was excluded from the calculation of averages.

By preference, it was excluded from the calculation of averages.

Additional details on the methodology used for the collection of this data are available in the 2019-2020 Canadian Medical Imaging Inventory report.



Disclaimer

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