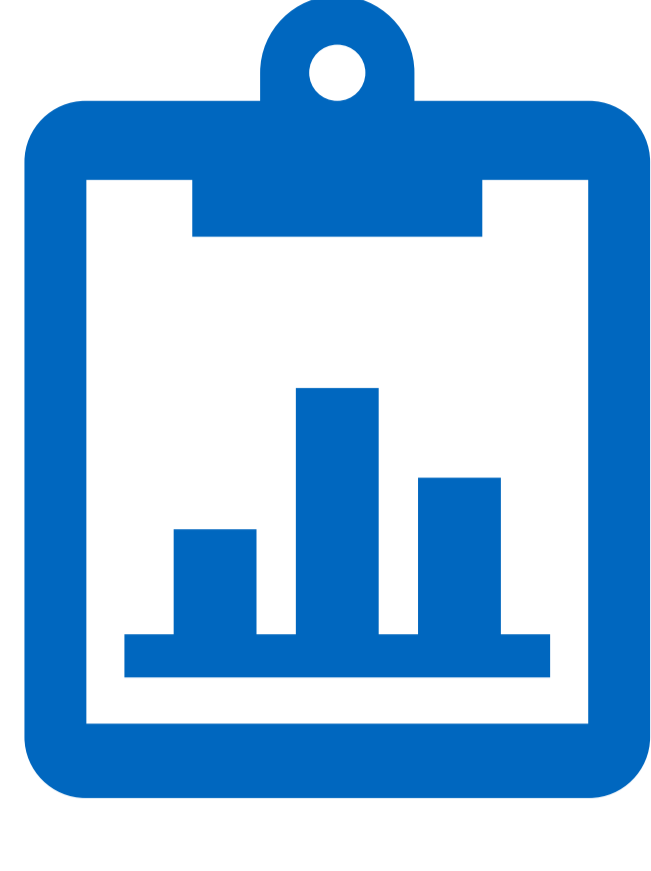


# Summary of Nova Scotia

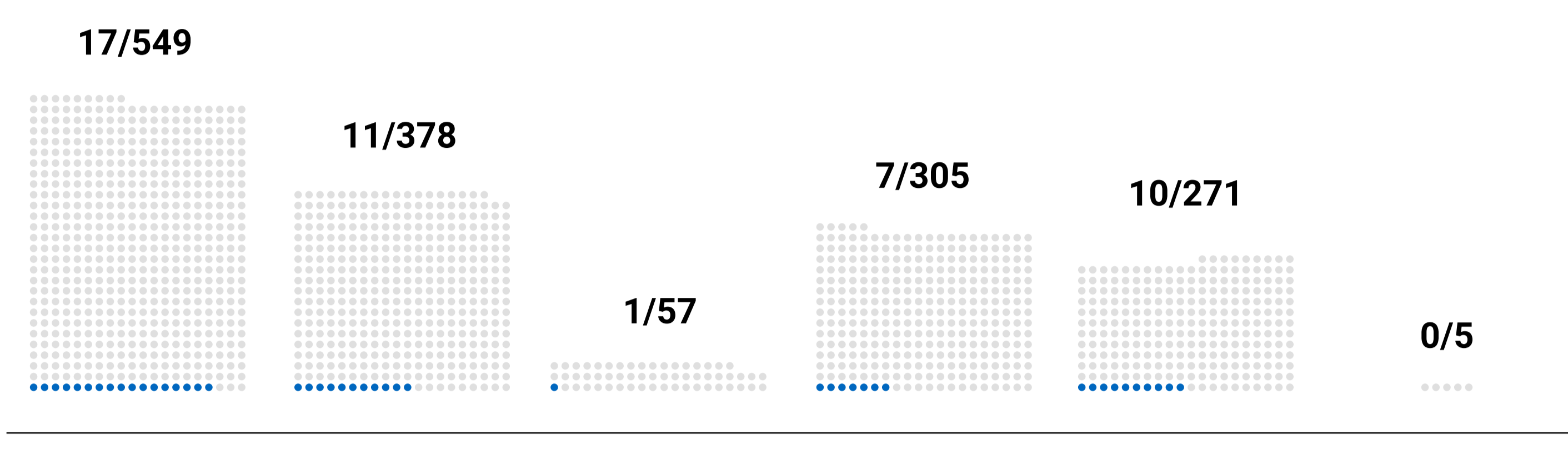
CADTH's Canadian Medical Imaging Inventory (CMI) collects data on medical imaging equipment across Canada. The national results are published in a [comprehensive report](#), and this provincial summary consolidates the Nova Scotia data from that report. If you are a CADTH customer and require additional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



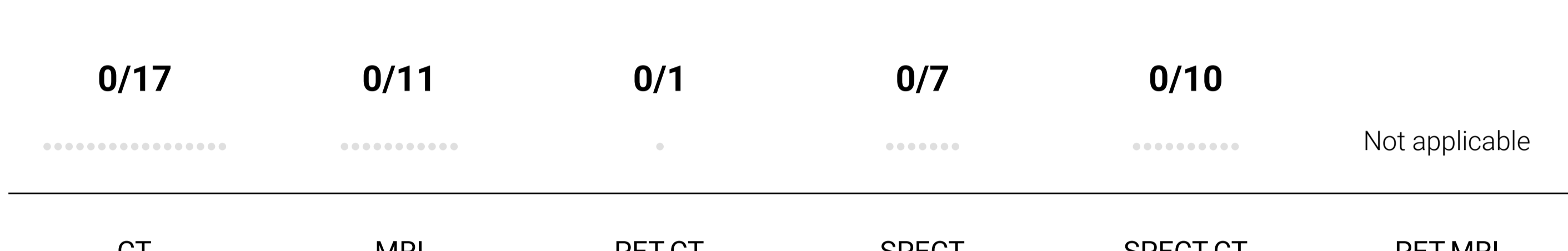
In Nova Scotia, there are approximately 7 rural sites and 7 urban sites that offer advanced medical imaging services. Nova Scotia has 17 CT units, of which the greater majority (58.8%; 10 out of 17) are 64-slice CT units. At least 14 sites provide CT services on the weekend, with 13 sites operating 24 hours a day. There are 11 MRI units in service across the province, including 1 unit with 3.0 Tesla field strength located at the Queen Elizabeth II Health Sciences Centre in Halifax. Out of the 11 MRI units, 10 are publicly funded and 1 is privately operated. The total number includes an MRI unit at the IWK Children's Hospital. Access to MRI on the weekend is provided by at least 3 facilities. Nova Scotia has one PET-CT unit, also located at the Queen Elizabeth II Health Sciences Centre (Victoria General Site) in Halifax. There are 7 SPECT and 10 SPECT-CT units available throughout the province. Nova Scotia has one of the highest implementation rates of clinical decision support tools for CT and MRI and one of the highest adoption rates of peer review for MRI across Canada. The most common exam ordering practice is via fax and paper form, followed by centralized booking at some locations, then telephone, and automated entry form.

## Machines in Total

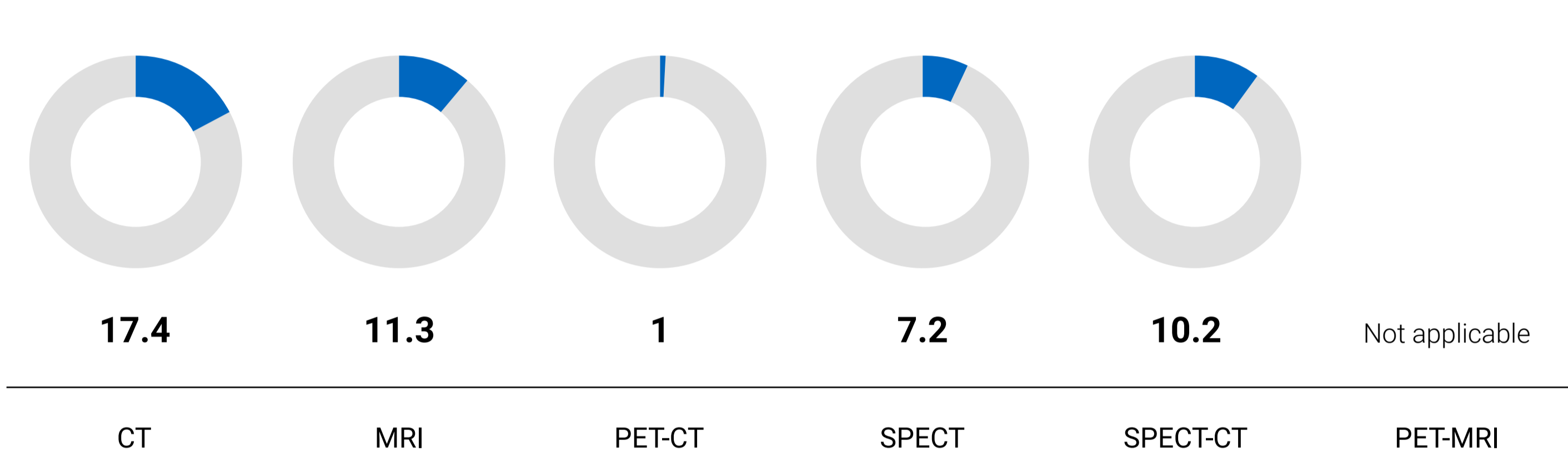
Number of imaging units out of national total 2019-2020



## Mobile Equipment

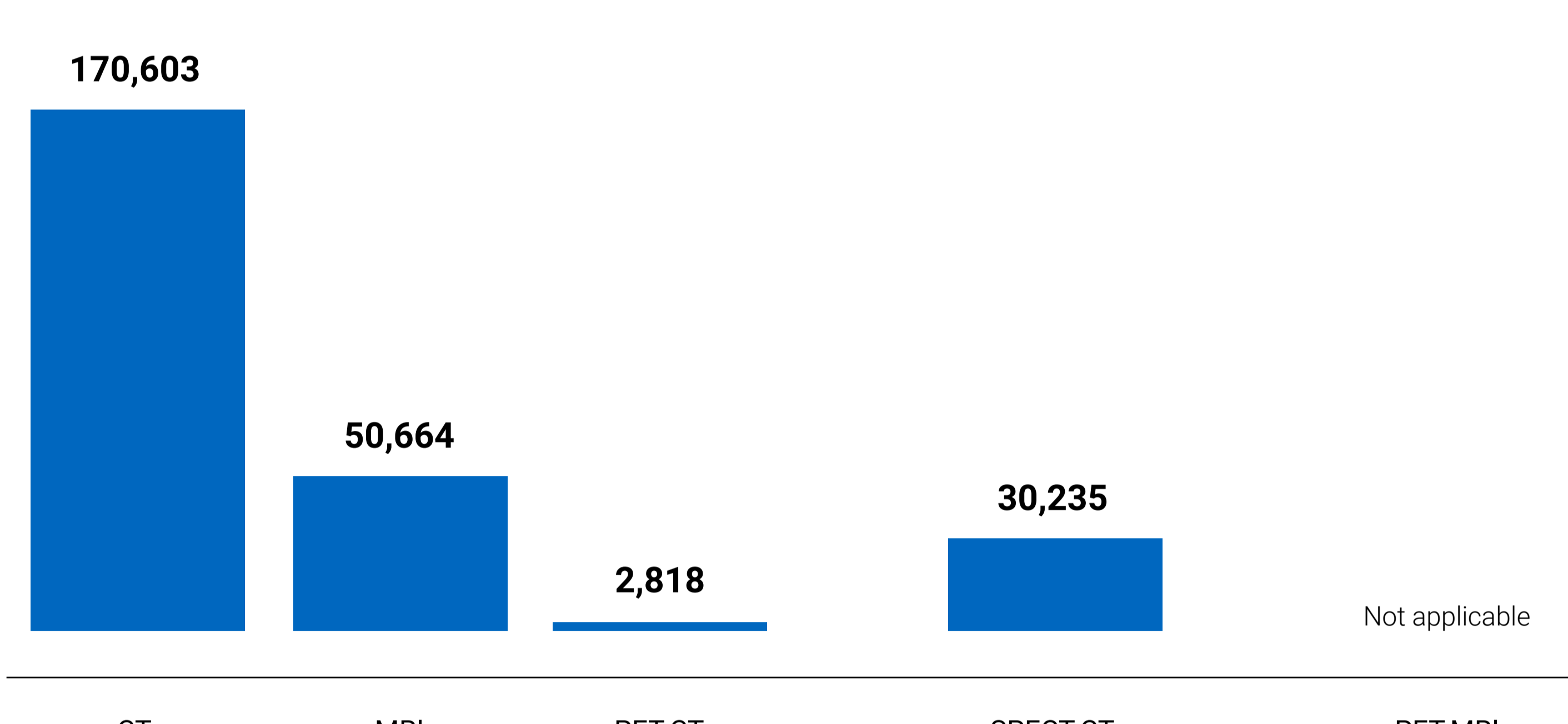


## Units per Million Population Out of Canadian Total

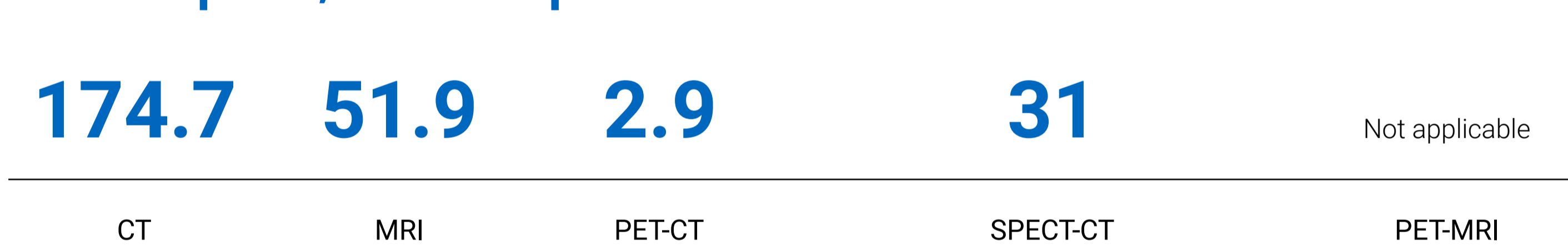


## Exams per Year

Number of exams for each modality in Nova Scotia

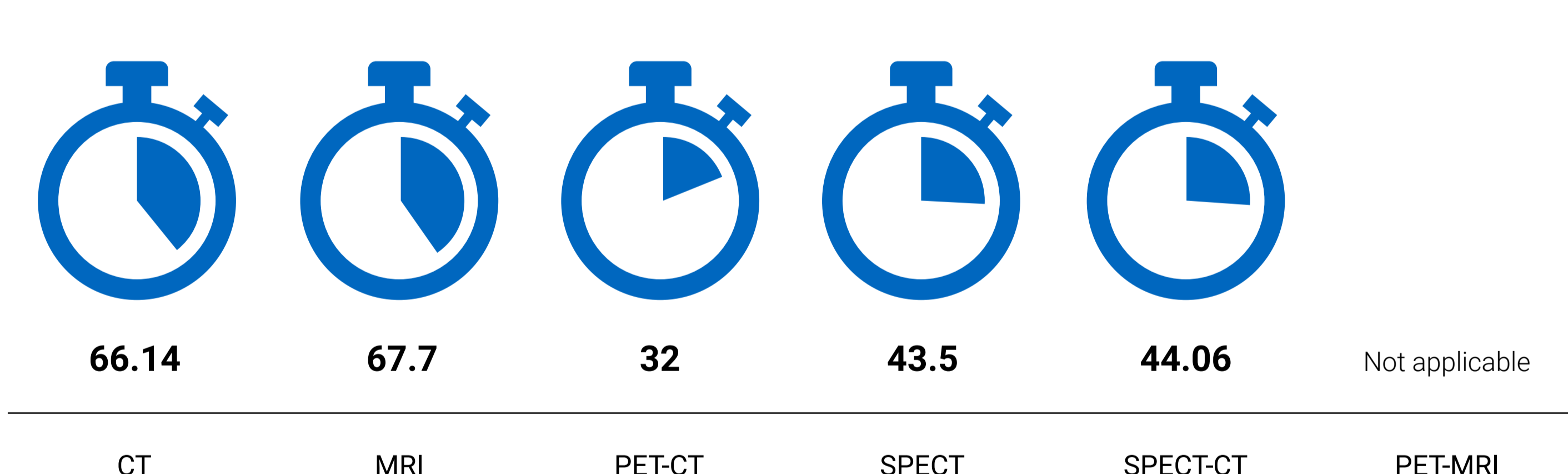


## Exams per 1,000 People

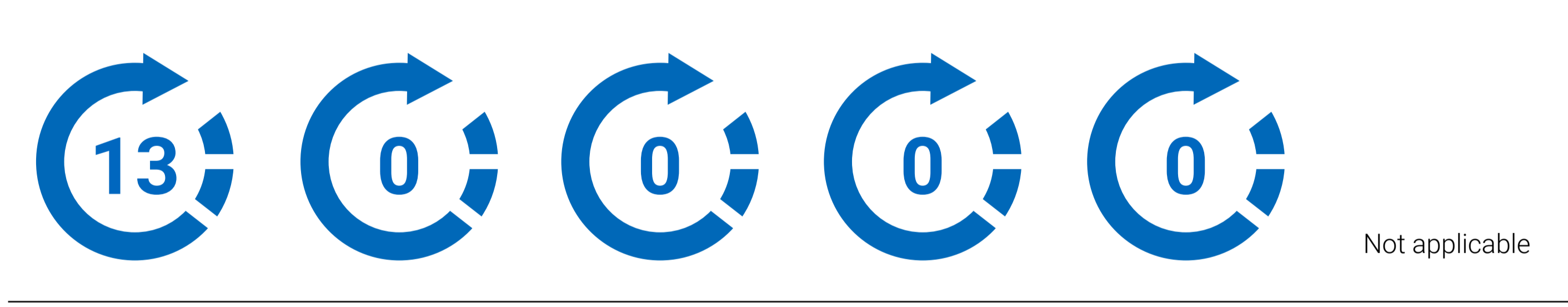


## Hours of Operation

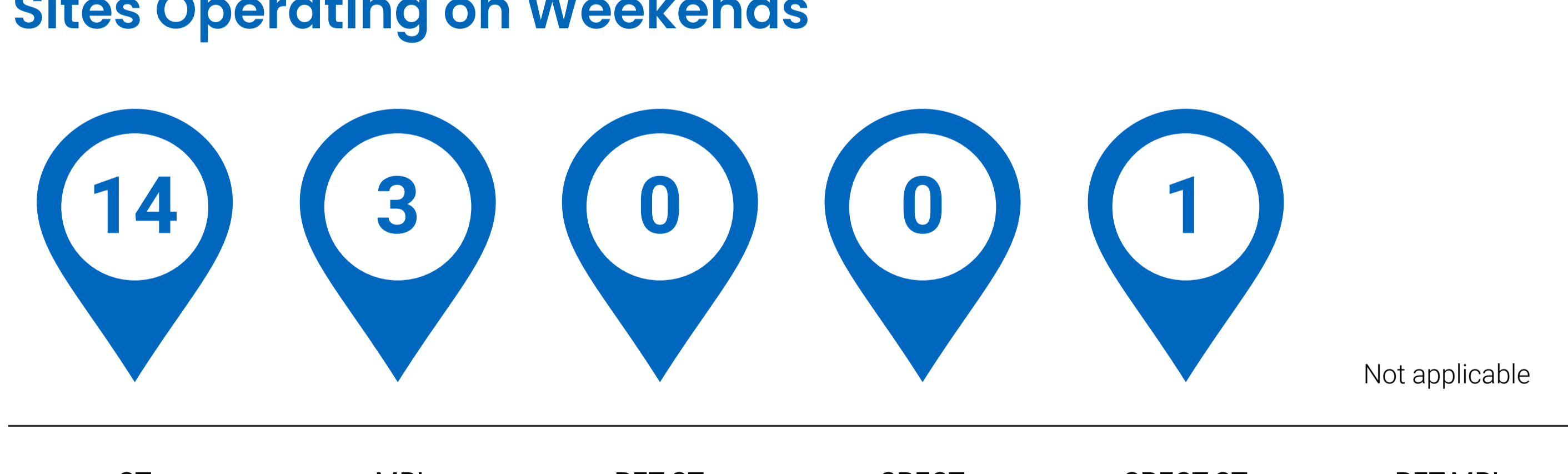
Average hours of operation per week



## Sites Operating 24 Hours a Day



## Sites Operating on Weekends



## Average Age of Units Across Canada (Years)

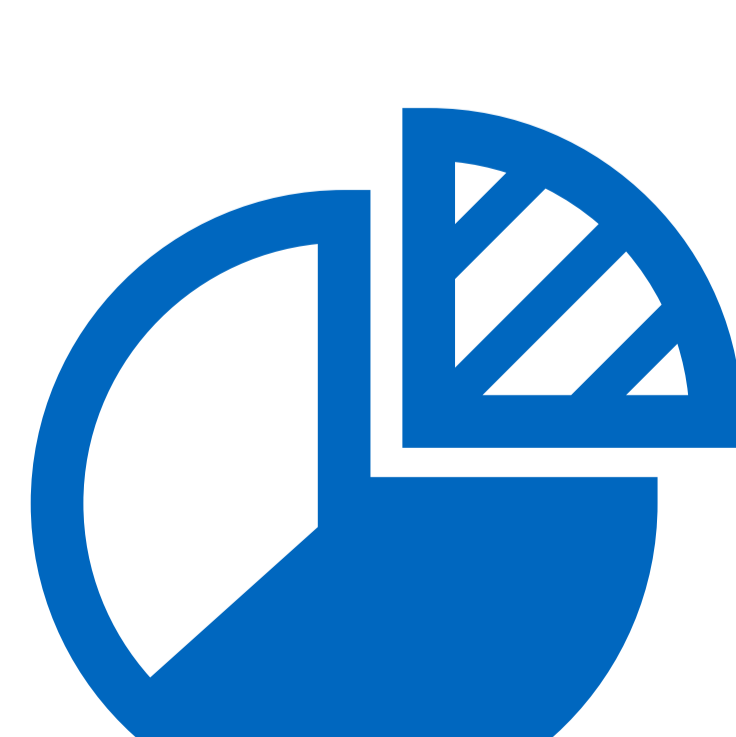
Category	CT	MRI	PET-CT	SPECT	SPECT-CT	PET-MRI
Average	8.1	8.6	8.2	13.2	6.6	5
Oldest	23	20	17	33	17	7
Newest	0	0	0	0	0	2

### 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, examination data supplied by the validators were reported. Not all sites reported examination data.

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



### Disclaimer

CADTH is an independent, not-for-profit organization responsible for providing Canada's health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs and medical devices in our health care system.

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