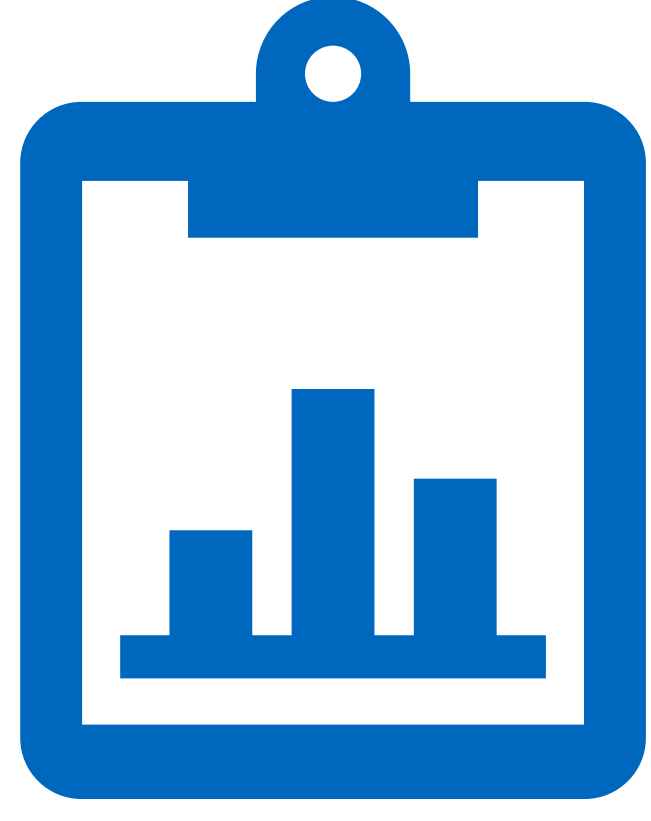


Summary of Saskatchewan

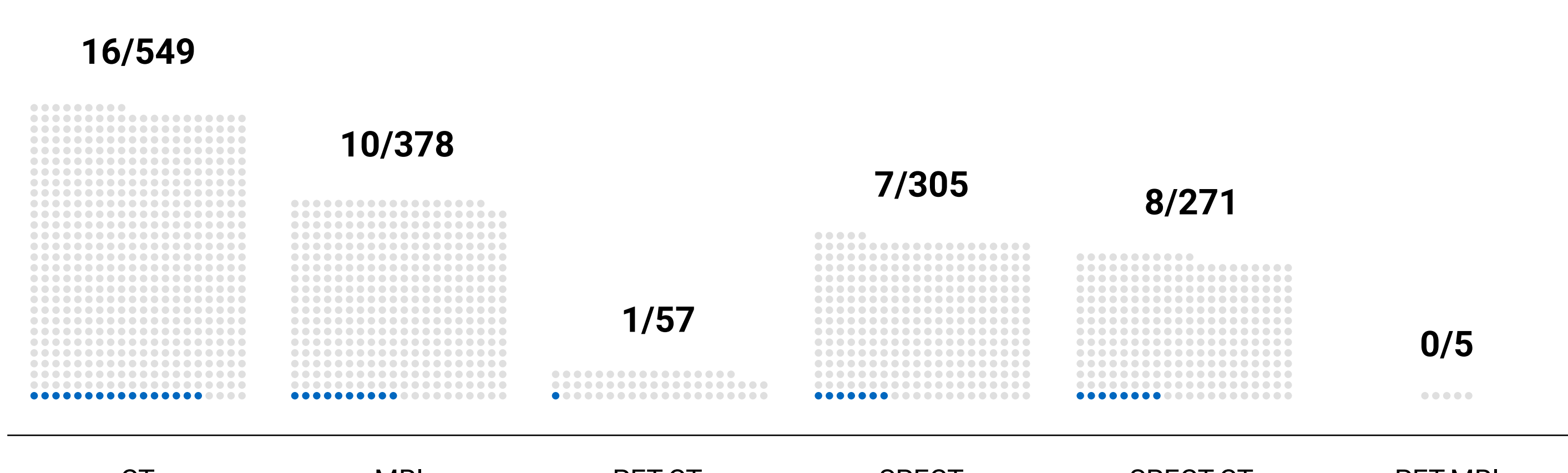
CADTH's Canadian Medical Imaging Inventory (CMII) collects data on medical imaging equipment across Canada. The national results are published in a [comprehensive report](#), and this provincial summary consolidates the Saskatchewan data from that report. If you are a CADTH customer and require additional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



In Saskatchewan, there are approximately 3 rural and remote sites and 10 urban sites that offer advanced medical imaging services. Saskatchewan has 16 CT units, including one 512-slice CT unit at the Regina General Hospital. At least 10 sites across the province provide weekend access to CT, with 6 sites providing 24 hour a day access. The number of MRI units has doubled in Saskatchewan from 5 units in 2010 to 10 units in 2020. Saskatchewan has 1 open-bore MRI unit located at Open Skies MRI (a private facility). At least 5 MRI units are in operation on the weekend, with 1 site in operation 24 hours a day. Saskatchewan has 1 PET-CT unit located at the Royal University Hospital in Saskatoon. There are 7 SPECT units and 8 SPECT-CT units in service throughout the province. At least 2 facilities operate SPECT-CT units on the weekend, and 2 sites operate 24 hours a day. Saskatchewan has one of the highest rates of clinical decision support tool use for MRI exams. The most common exam-ordering practice is via fax and paper form, followed by centralized booking, telephone, and automated entry form.

Machines in Total

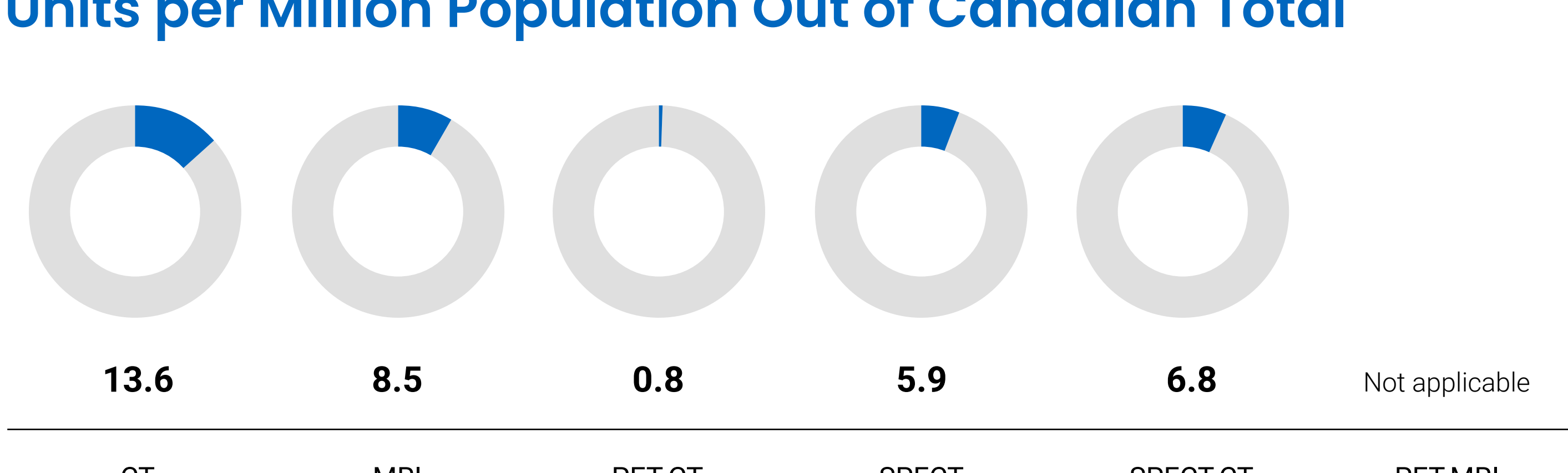
Number of imaging units out of national total 2019-2020



Mobile Equipment

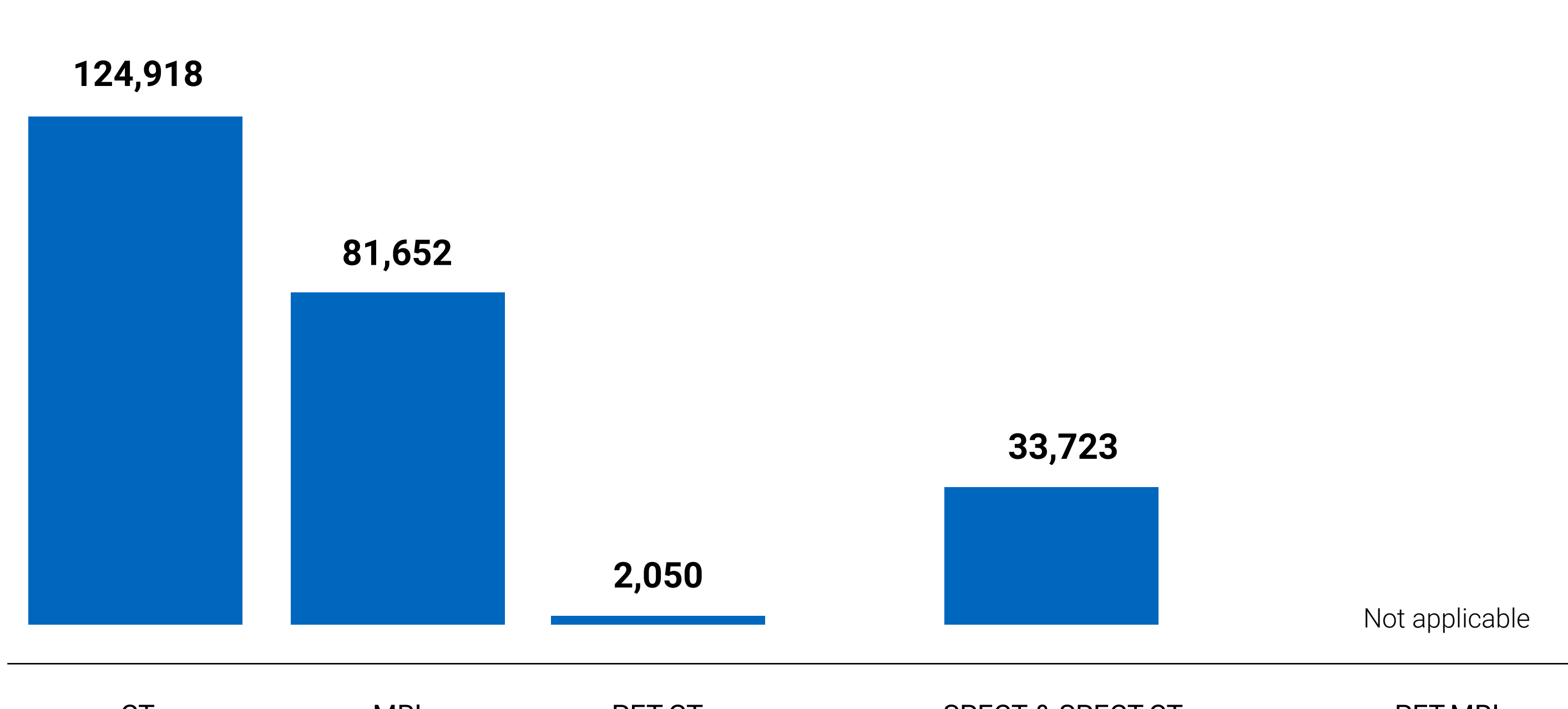


Units per Million Population Out of Canadian Total

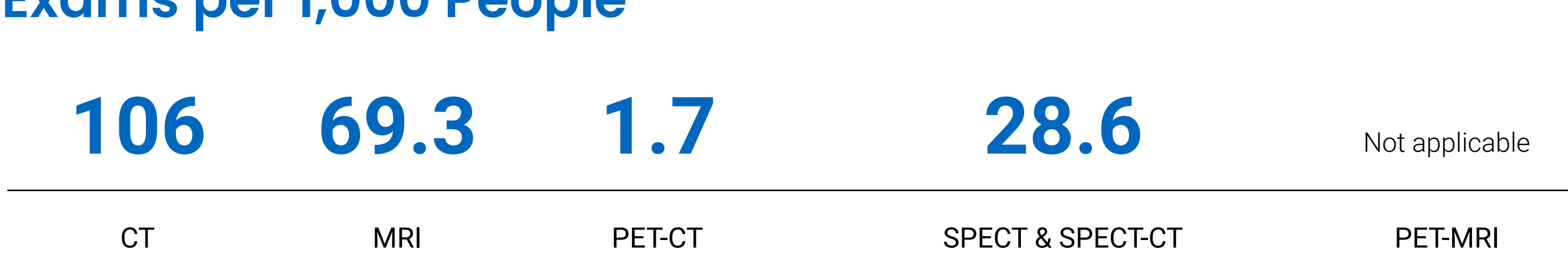


Exams per Year

Number of exams for each modality in Saskatchewan

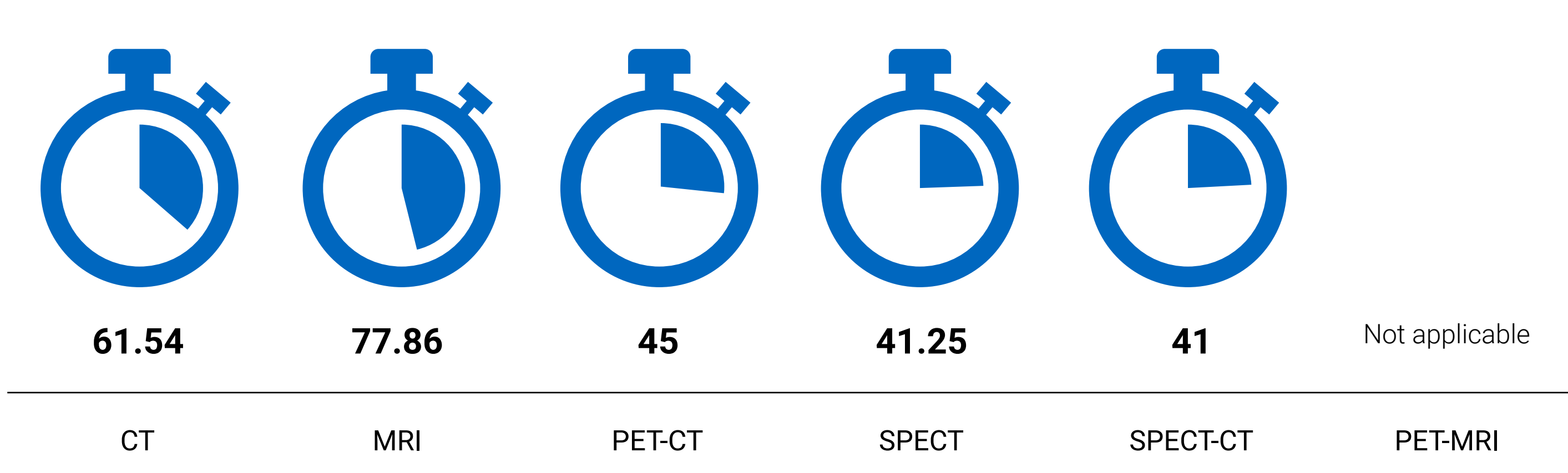


Exams per 1,000 People

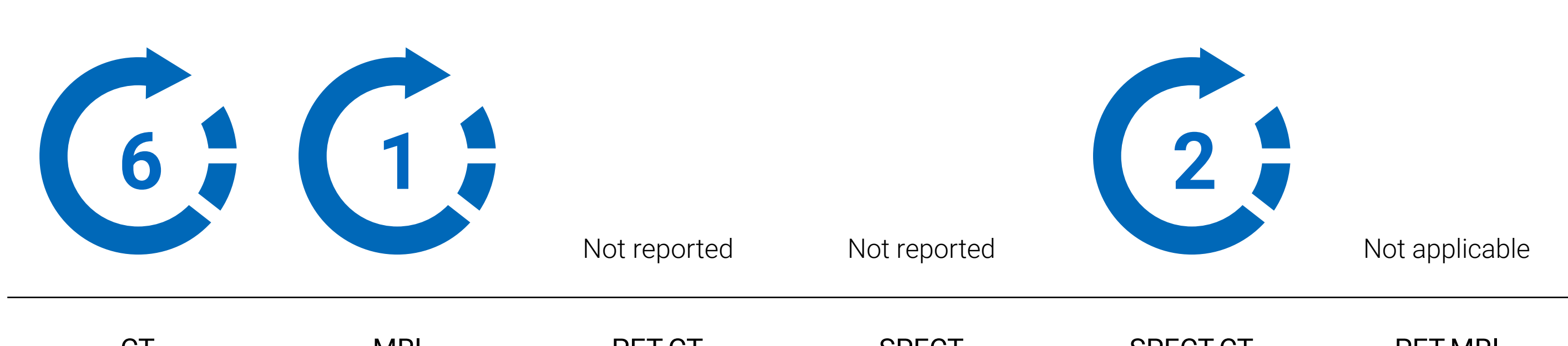


Hours of Operational

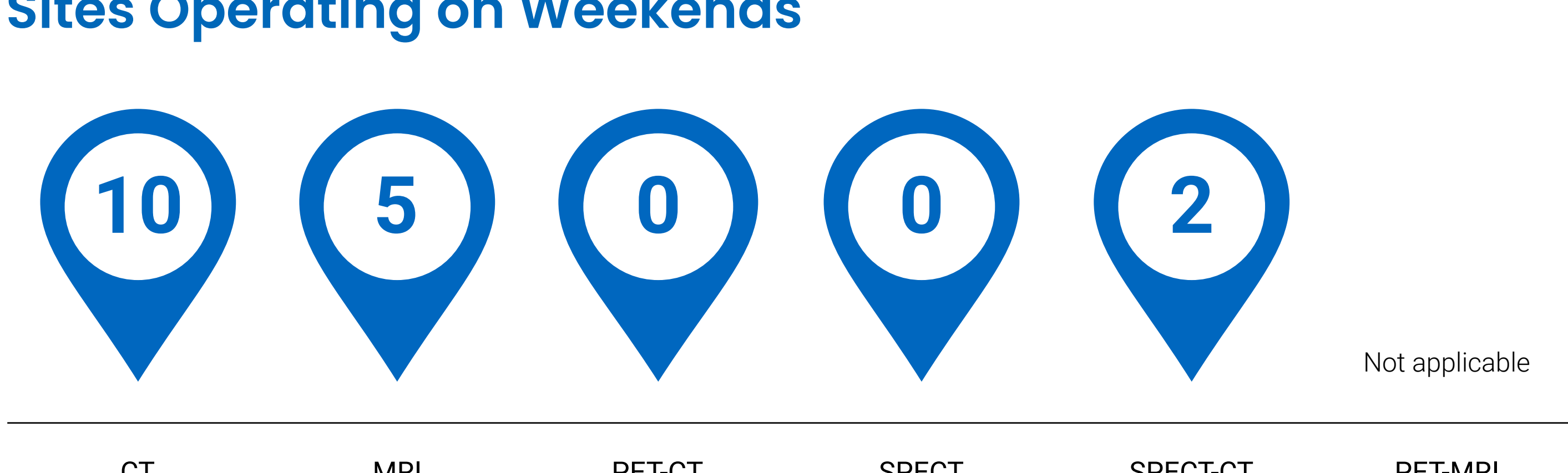
Average hours of operation per week



Sites Operating 24 Hours a Day



Sites Operating on Weekends



Average Age of Units Across Canada (Years)

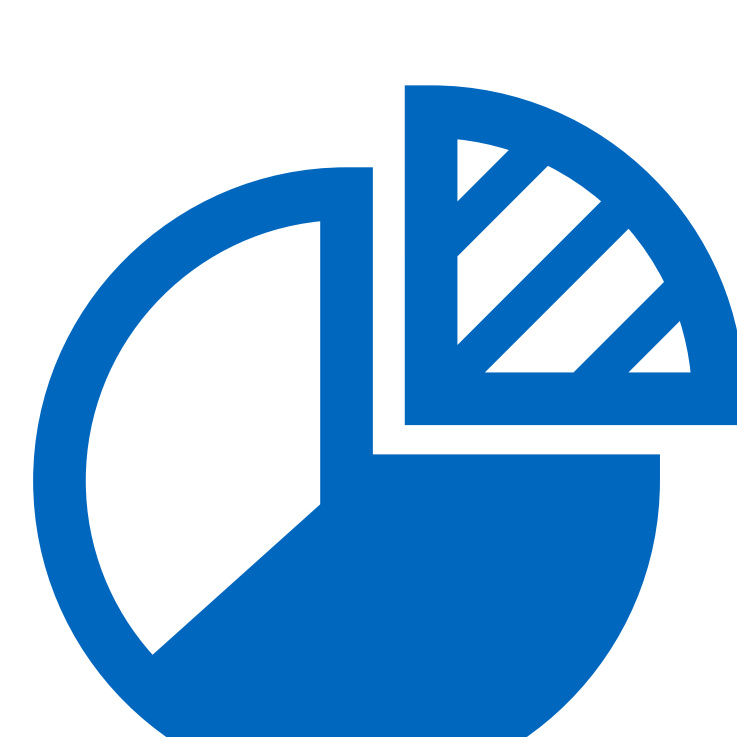
Category	CT	MRI	PET-CT	SPECT	SPECT-CT	PET-MRI
Average	8.1	8.6	8.2	13.2	6.6	5
Oldest	23	20	17	33	17	7
Newest	0	0	0	0	0	2

Data Limitations

Data was 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

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