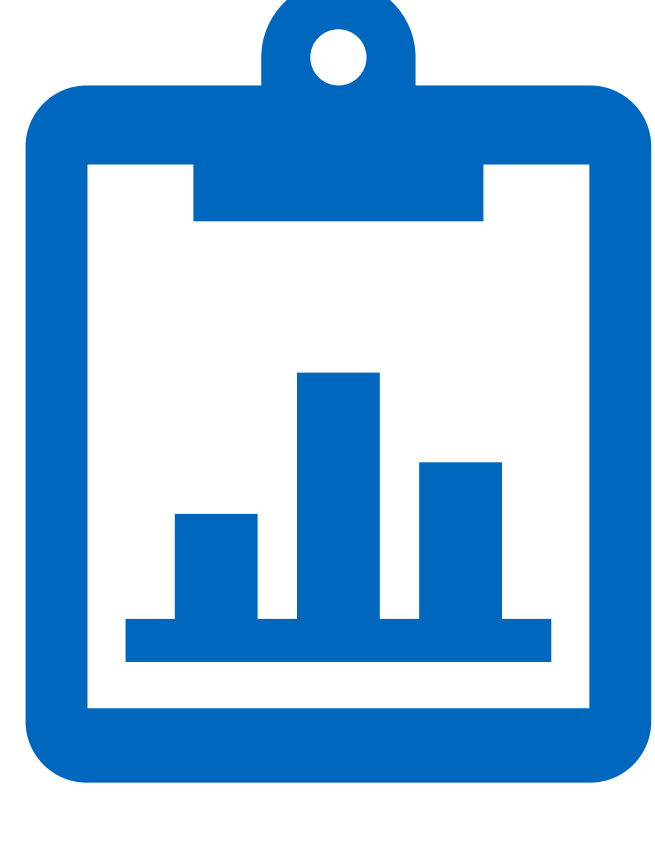


# Summary of Quebec

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 Quebec 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).

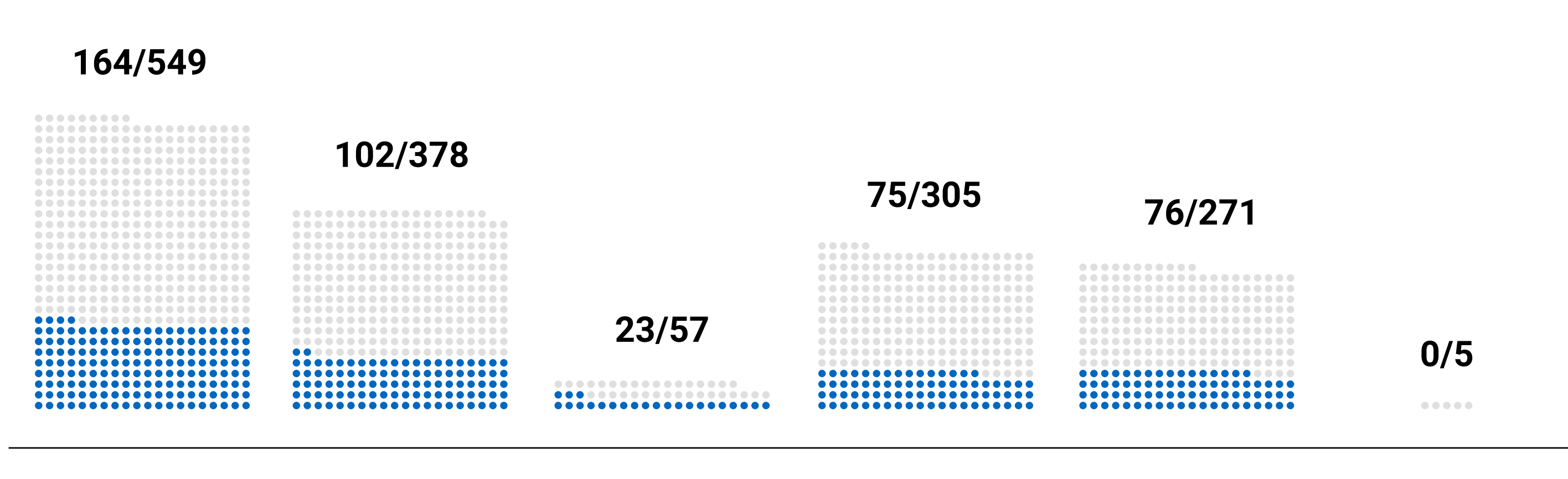


Quebec has the most PET-CT units across Canada. It is also one of the top 2 provinces with the highest number of CT, MRI, SPECT and SPECT-CT units. Quebec has 164 CT units, including 1 mobile CT unit and three 320-slice CT units located 1 each at Hôpital Fleurimont in Sherbrooke, Hôpital Charles-LeMoine in Longueuil, and Hôpital de la Cité-de-la-Santé in Laval. At least 43 sites across the province provide weekend access to CT, with 15 of these sites providing 24 hour a day access. There are 102 MRI units located in Quebec, including 4 open-bore MRI machines at ViaMedica in Pointe-Claire (1 unit), IRM Sud-Ouest in Montreal (1 unit), and Hôpital de la Cité-de-la-Santé in Laval (2 units). Quebec has 2 mobile MRI units shared between 6 facilities and communities. Access to MRI on the weekend is provided by at least 25 facilities, with 24 hour a day access available at 2 facilities. There are 23 PET-CT units in Quebec, compared to 16 in 2010. There are a total of 75 SPECT units and 76 SPECT-CT units in service in Quebec. At least 2 sites operate SPECT, and 4 facilities operate SPECT-CT on the weekend.

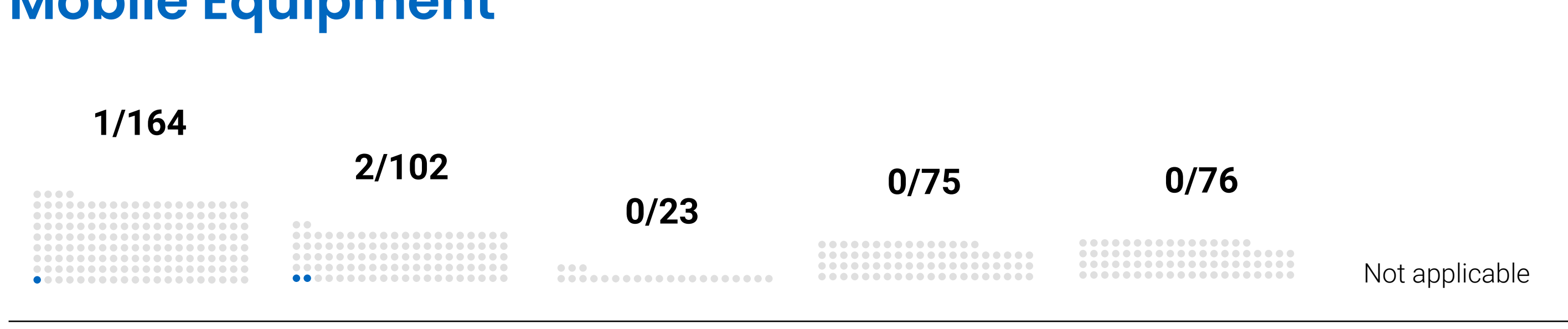
When compared with other jurisdictions, Quebec has one of the highest numbers of medical radiation technologists per 1,000,000 population and the highest rates of peer review for PET-CT and SPECT exams.

## Machines in Total

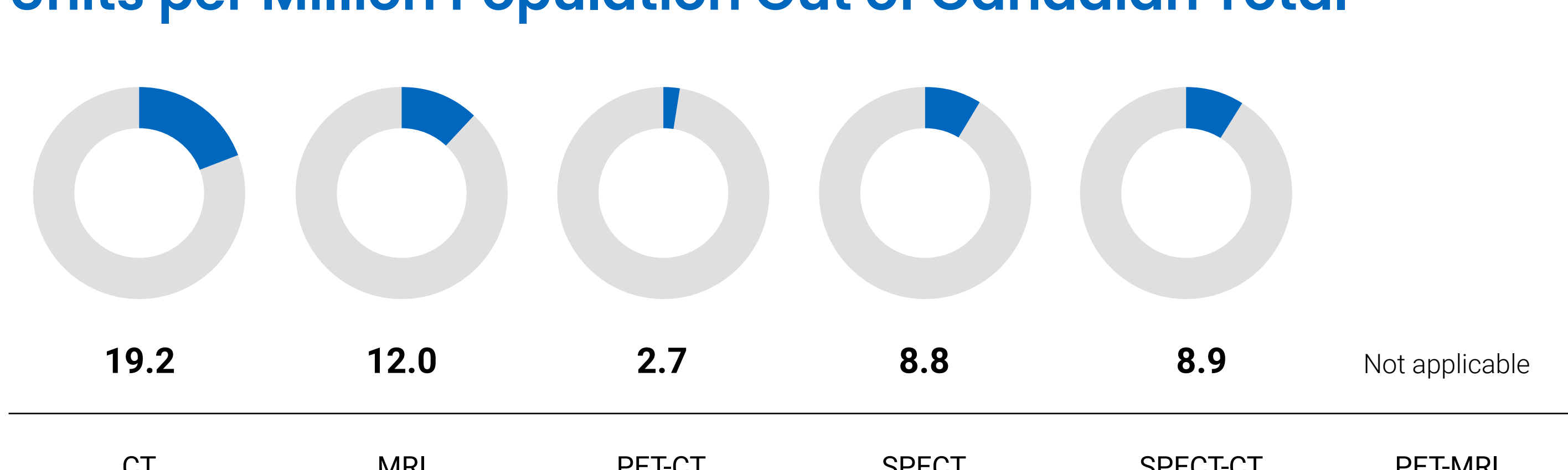
Number of imaging units out of national total 2019-2020



## Mobile Equipment

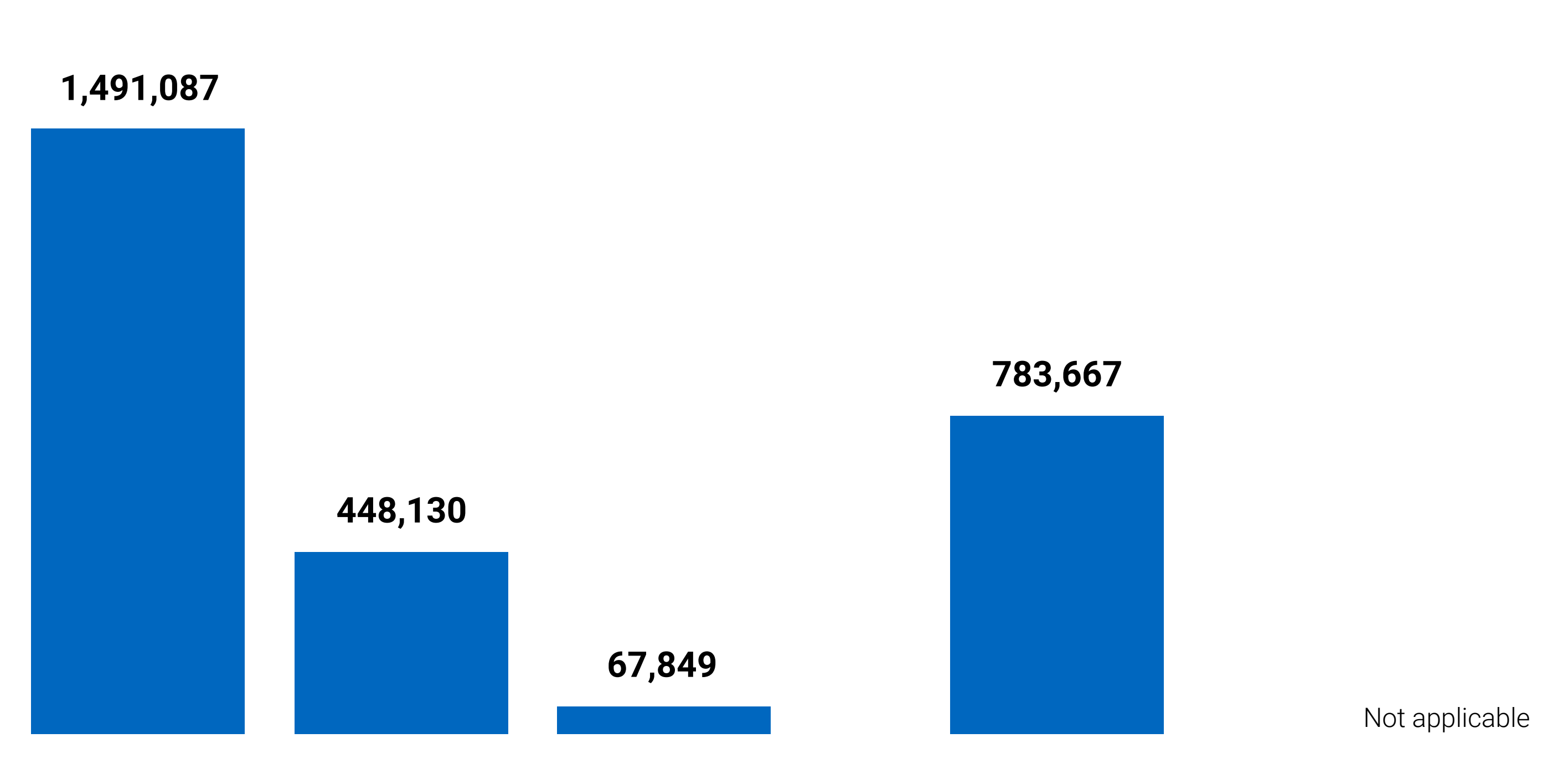


## Units per Million Population Out of Canadian Total

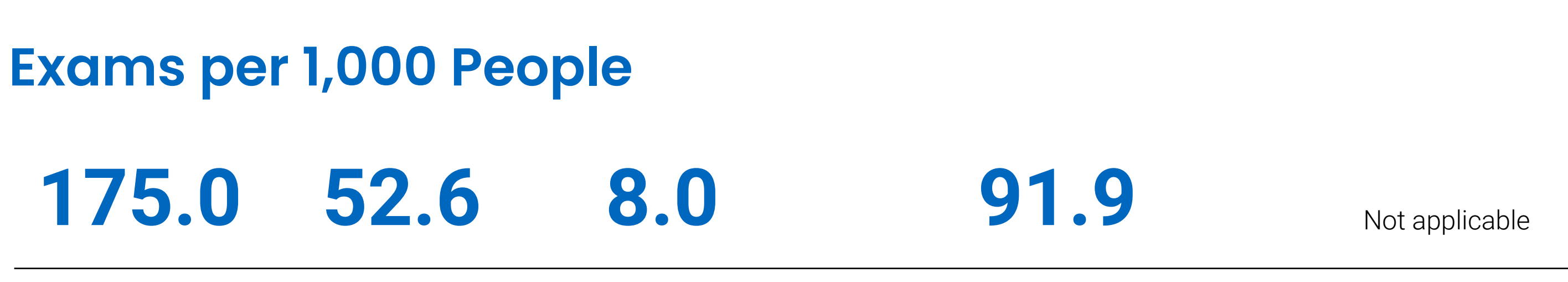


## Exams per Year

Number of exams for each modality in Quebec

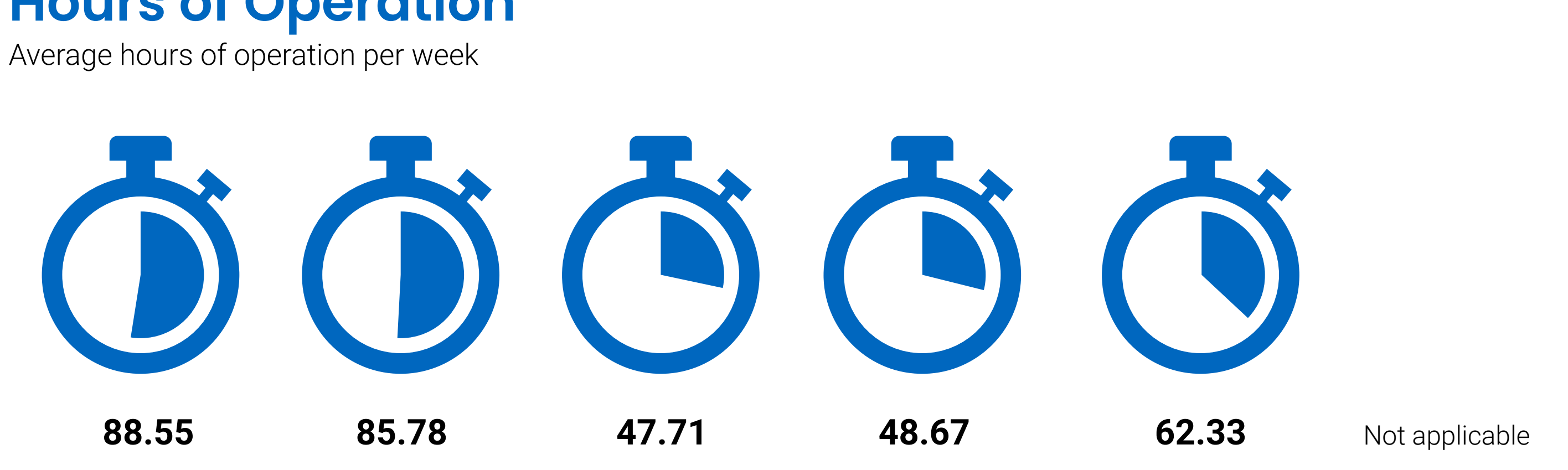


## Exams per 1,000 People

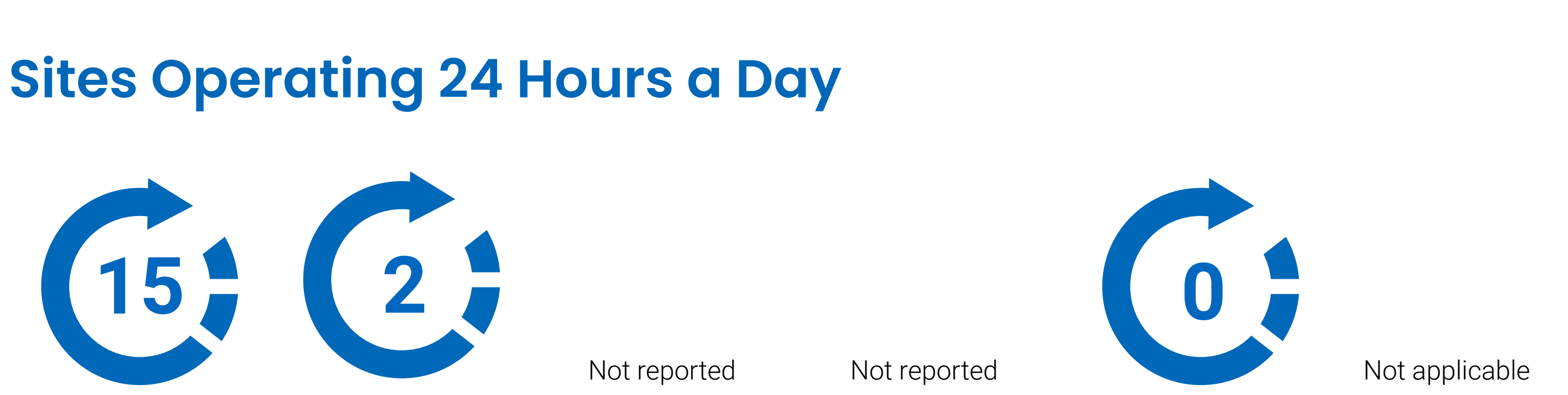


## Hours of Operation

Average hours of operation per week



## Sites Operating 24 Hours a Day



## Sites Operating on Weekends



## Average Age of Units Across Canada (Years)

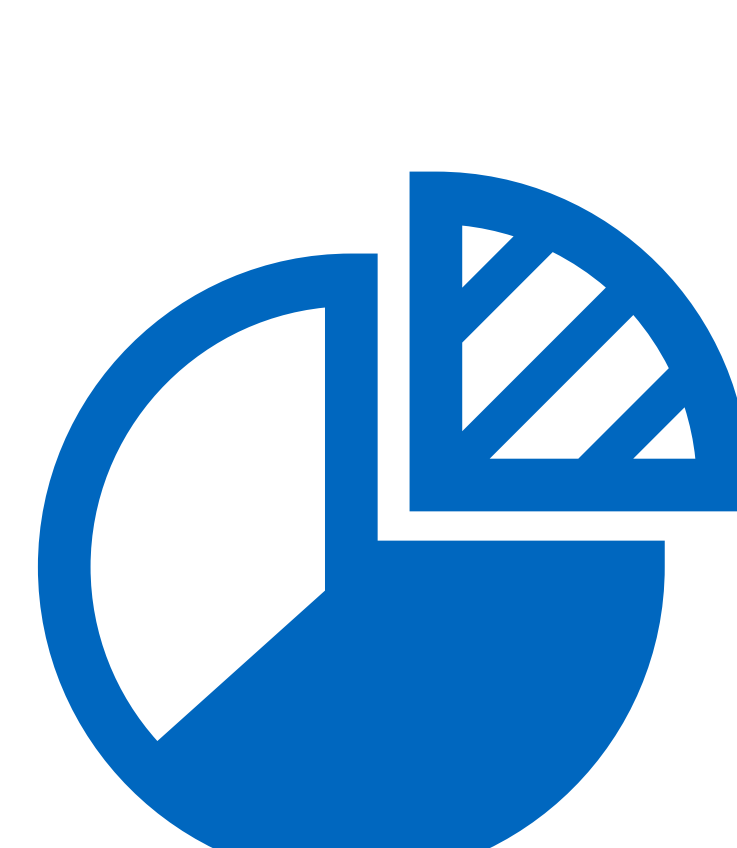
| Modality | Average | Oldest | Newest |
|----------|---------|--------|--------|
| CT       | 8.1     | 23     | 0      |
| MRI      | 8.6     | 20     | 0      |
| PET-CT   | 8.2     | 17     | 0      |
| SPECT    | 13.2    | 33     | 0      |
| SPECT-CT | 6.6     | 17     | 0      |
| PET-MRI  | 5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

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