

Table 5 shows that the majority of active medical radiation technologists are employed in DHBs.

Main employment setting	Male	Female	Not reported	Total
DHB	130	756	2	888
Private practice (employed)	37	431	2	470
Private practice (self-employed)	6	52	0	58
University / polytechnic	0	30	0	30
Private hospital or rest home	1	5	0	6
Government dept / Crown agency	1	4	0	5
Other	0	14	0	14
Not reported	20	83	2	105
Total	195	1375	6	1576

Source: Ministry of Health, 2008

Table 6 shows the main employment setting by work type of the active respondents to the 2008 survey. Each medical radiation technologist can specify more than one work type. This table shows that the 1576 active medical radiation technologists reported 2314 worktypes. This is 1.5 worktypes per active medical radiation technologist.

The most common combination of worktype and employment setting was diagnostic imaging in a DHB hospital or health service, followed by diagnostic imaging in employed private practise.

The Ministry of Health would like to thank all the health care professionals who completed the 2008 workforce questionnaire. This is an annual survey which all health care professionals are encouraged to complete.

Main employer	Clinical mammography	Computerised tomography	Diagnostic imaging	Diagnostic ultrasound	Magnetic resonance imaging	Management	Radiation therapy	Radiation imaging	Screening mammography	Study / research	Teaching	Other	Not reported	Total
DHB	43	126	517	102	44	54	161	24	42	20	26	32	28	1219
Private practice (employed)	93	41	304	96	56	54	1	8	75	9	12	22	10	781
Private practice (self-employed)	8	7	27	23	6	6	1	0	8	1	0	2	2	91
University / polytechnic	1	0	9	2	3	5	1	0	0	6	22	1	0	50
Government dept / Crown agency	1	0	2	0	0	1	1	1	1	1	1	0	1	9
Private hospital or rest home	0	0	3	1	0	1	0	0	0	0	1	3	0	9
Other	5	1	7	1	0	3	0	0	5	1	2	3	1	29
Employer not reported	2	4	31	15	6	3	4	5	4	0	1	2	49	126
Total	153	179	900	240	115	127	169	37	135	38	65	65	91	2314

Source: Ministry of Health, 2008

If you have any comments or require further survey results please contact:

Analytical Services
 Information Directorate
 Ministry of Health
 PO Box 5013
 Tel (04) 816 2870
 Fax (04) 816 2898
 data-enquiries@moh.govt.nz

This pamphlet can be downloaded from: <http://www.nzhis.govt.nz>

Medical Radiation Technologist Workforce

Summary Results from the 2008 Health Workforce Annual Survey

A health workforce survey was included with each invoice for Annual Practising Certificates (APC) sent to medical radiation technologists in February 2008.

Of the 2090 medical radiation technologists who were sent an invoice, 1576 (75.4 percent) indicated that they were working actively as medical radiation technologists, 86 (4.1 percent) responded to the 2008 survey but did not report that they were actively working and 428 (20.5 percent) did not respond to the survey.

The 1576 actively working medical radiation technologists represent 75.4 percent of survey respondents. It is not known if the APC holders who did not respond to the survey are working in this field.

The following statistics are based on the 1576 active medical radiation technologists.

Of those respondents, 87.2 percent were female, as illustrated in Table 1. The median age of respondents was 42 years.

Age group	Male	Female	Not reported	Total	%
20–	11	112	0	123	7.8
25–	21	136	0	157	10.0
30–	28	148	2	178	11.3
35–	32	169	0	201	12.8
40–	27	159	2	188	11.9
45–	19	207	0	226	14.3
50–	25	170	2	197	12.5
55–	18	141	0	159	10.1
60+	7	91	0	98	6.2
Not reported	7	42	0	49	3.1
Total	195	1375	6	1576	100.0

Source: Ministry of Health, 2008

The majority of the active medical radiation technologists identified themselves as belonging to the NZ European ethnic group (see Table 2). This has been a consistent feature of this profession over previous years.

Ethnic description	Total	%
NZ European	1132	71.8
Māori	48	3.0
Other European	207	13.1
Indian	33	2.1
Fijian	23	1.5
Chinese	22	1.4
Other Asian	7	0.4
South East Asian	3	0.2
Other	62	3.9
Not reported	39	2.5
Total	1576	100.0

Source: Ministry of Health, 2008

The most common country of qualification for medical radiation technologists was New Zealand. The next most common qualification country was the United Kingdom (table 3).

Qualification country	Total	%
New Zealand	742	47.1
United Kingdom	455	28.9
Australia	287	18.2
South Africa	39	2.5
Canada	7	0.4
USA	6	0.4
Fiji	6	0.4
Netherlands	5	0.3
India	2	0.1
Zimbabwe	1	0.1
Pakistan	1	0.1
China	1	0.1
Philippines	1	0.1
Romania	1	0.1
Ireland	1	0.1
Not reported	21	1.3
Total	1576	100.0

Source: Ministry of Health, 2008

Table 4 shows District Health Board (DHB) of employer, by average hours worked. Please note that, because the number of active practitioners in some DHBs is very low, the average figure must be treated with caution. Also, numbers greater than zero but less than five have been suppressed for privacy reasons.

DHB Description	Number	Average full-time hours per week
Northland	28	40.3
Waitemata	79	37.8
Auckland	192	39.0
Counties Manukau	77	39.9
Waikato	103	39.5
Lakes	13	36.2
Bay of Plenty	28	36.5
Tairāwhiti	11	42.0
Hawke's Bay	32	36.1
Taranaki	18	38.7
MidCentral	65	39.1
Whanganui	10	38.2
Capital & Coast	94	40.4
Hutt Valley	30	40.5
Wairarapa	5	40.0
Nelson Marlborough	16	35.3
West Coast	*	50.0
Canterbury	135	36.9
South Canterbury	5	34.4
Otago	63	39.2
Southland	22	37.8
DHB not reported	18	41.3
Total full-time	1047	38.8
Part-time	451	19.8
Hours not reported	78	–
Total	1576	–

Source: Ministry of Health, 2008

Of those DHBs with more than five respondents, the highest average hours worked per week was in Tairāwhiti (42.0 hours). The lowest was in Nelson Marlborough (35.3 hours).