

APPENDIX 3

Number of diagnostic imaging units and lag times around Australia

Ultrasound

Table 1: Ultrasound equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	2,963	1,958	1,764	635	875	186	86	162	8,629
Units per 100,000 population	38.3	31.7	36.4	37.1	34.2	35.9	35.0	40.2	35.6
Average time between date of request and date of service (days)	23	22	21	25	21	25	28	26	22

Source: Department of Health (Department), *Submission 18*, p. 13.

Computed tomography (CT)

Table 2: CT equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	562	355	302	103	123	21	13	28	1,507
Units per 100,000 population	7.3	5.7	6.2	6.0	4.8	4.1	5.3	6.9	6.2
Average time between date of request and date of service (days)	11	14	13	17	13	13	12	13	13

Source: Department, *Submission 18*, p. 13.

Diagnostic Radiology (x-ray, fluoroscopy, angiography, orthopantomography and mammography)

Table 3: General x-ray equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	1,350	890	828	307	356	78	54	58	3,921
Units per 100,000 population	17.4	14.4	17.1	17.9	13.9	15.1	22.0	14.4	16.2
Average time between date of request and date of service (days)	10	12	10	15	11	11	6	11	11

Source: Department, *Submission 18*, p. 14.

Table 4: Fluoroscopy equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	404	315	253	89	155	26	5	22	1,269
Units per 100,000 population	5.2	5.1	5.2	5.2	6.1	5.0	2.0	5.5	5.2
Average time between date of request and date of service (days)	21	17	13	16	24	5	13	19	18

Source: Department, *Submission 18*, p. 14.

Table 5: Angiography equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	170	102	93	29	45	8	2	11	460
Units per 100,000 population	2.2	1.7	1.9	1.7	1.8	1.5	0.8	2.7	1.9
Average time between date of request and date of service (days)	43	62	89	34	70	36	35	18	56

Source: Department, *Submission 18*, p. 15.

Table 6: Orthopantomography equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	393	314	249	62	94	22	12	19	1,165
Units per 100,000 population	5.1	5.1	5.1	3.6	3.7	4.3	4.9	4.7	4.8
Average time between date of request and date of service (days)	12	14	14	15	17	16	9	16	14

Source: Department, *Submission 18*, p. 15.

Table 7: Mammography equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	236	145	109	42	37	5	4	13	591
Units per 100,000 population	3.0	2.3	2.2	2.5	1.4	1.0	1.6	3.2	2.4
Average time between date of request and date of service (days) - GP requested	34	28	24	41	30	23	23	27	30
Average time between date of request and date of service (days) - specialist requested	63	114	118	99	97	117	72	77	95
Average time between date of request and date of service (days) - all requesting practitioners	42	68	47	70	42	56	39	41	52

Note: The number of mammography machines shown in Table 5 are those providing MBS-eligible mammograms. They do not include mammography machines used under the BreastScreen Australia program, which are not recorded under the LSPN provisions.

Source: Department, *Submission 18*, p. 14.

Nuclear medicine imaging equipment

Table 8: Nuclear medicine imaging equipment (other than PET) and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Number of units	202	93	85	30	32	9	1	9	461
Units per 100,000 population	2.6	1.5	1.8	1.8	1.3	1.7	0.4	2.2	1.9
Average waiting time	12	16	15	21	18	13	21	9	14

Source: Department, *Submission 18*, p. 15.

Positron emission tomography (PET)

Table 9: PET equipment and average time between request and date of service by state and territory, 2015–16

	NSW	VIC	QLD	SA	WA	TAS	NT*	ACT	Australia
Number of units	18	20	18	2	7	2	0	2	69
Units per 100,000 population	0.2	0.3	0.4	0.1	0.3	0.4	0.0	0.5	0.3
Average waiting time	12	20	19	18	32	34	22	5	19

* Note: A PET machine was committed for Darwin in the 2016 election but has not yet been installed.

Source: Department, *Submission 18*, p. 15.

Magnetic Resonance Imaging (MRI)

Table 10: MRI – average lag time between request and date of service by state and territory 2015–16

Requesting provider	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	TOTAL
GP	9	8	8	10	9	10	10	9	9
Specialist	21	38	29	36	37	27	20	17	30
All providers	17	29	21	28	30	23	18	14	23

Source: Department, *Submission 18*, p. 16.