Table 2: Respiratory and related services provided by the different DHBs, grouped by population.

DHB	Dedicated respiratory service			Sleep lab (PSG)	Referral specialities within DHB						Allergy/ immunology
	Adult	Adult acute	Paediatric		CF clinic	ILD clinic	Lung cancer MDM	ILD MDM	Radiology oncology	Thoracic surgery	
Waitematā	Y					Y	Y	Y	N		Y
Canterbury	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Counties	Y	Y		Y	Y	Y	Y	Y	N		
Auckland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Waikato	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y
Southern	Y	Y		Y	Y	Y	Y		Y	Y	
Capital Coast	Y	Y		Y*	Y	Y	Y	Y	Y	Y	Y
Bay of Plenty	Y			Y	Y	Y	Y		Y		
Mid Central	Y			Y	Y	Y	Y		Y		
Northland	Y										
Hawkes Bay	Y	Y									
Nelson-Marlborough	Y										
Hutt	Y										
Taranaki	Y										
Lakes	Y										
Whanganui											

Table 2 (cotinued): Respiratory and related services provided by the different DHBs, grouped by population.

DHB	Dedicated respiratory service			Sleep lab (PSG)	Referral specialities within DHB						Allergy/ immunol-ogy
	Adult	Adult acute	Paediatric		CF clinic	ILD clinic	Lung can-cer MDM	ILD MDM	Radiology oncology	Thoracic surgery	
South Canterbury											
Tairāwhiti	Y										
Wairarapa											
West Coast											

Abbreviations: Y = yes; PSG = polysomnography; CF = cystic fibrosis; ILD = interstitial lung disease; MDM = multi-disciplinary meeting.
*Outsourced through University of Otago.

Table 3: Inpatient and outpatient services provided by DHBs per population.

DHB	DHB population (000)	Acute respiratory admissions	FSA	Follow-up	Sleep studies all types (%PSG)	CPAP new patients	NIV #	Pulmonary rehabilitation	Home oxygen
Large sized DHB >300,000 population									
Waitematā	629	GM	424	418	0*	0*	12	19	22
Canterbury	568	221	753	1367	433+284C (11.5%)	161	52	53	40
Counties Manukau	563	249	458	919	311* (17.1%)	92*	26	41	40
Auckland	546	380	432	1,282	293* (54.5%)	179*	28	16	18
Waikato	420	460	355	641	649 (18.3%)	190	56	14	29
Southern	330	225	347	648	194 (4.7%)	136	33	15	48
Capital Coast	318	GM	394*	698*	236* (36.0%)	125*	40	36	25

Table 3 (column): Inpatient and outpatient services provided by DHBs per population.

DHB	DHB population (000)	Acute respiratory admissions	FSA	Follow-up	Sleep studies all types (%PSG)	CPAP new patients	NIV #	Pulmonary rehabilitation	Home oxygen
Medium sized DHB 100,000–300,000 population									
Bay of Plenty	238	GM	365	344	331 (4.8%)	181	24	61	72
Mid Central	179	208	217	323	158+352C (7.1%)	357	33	33	28
Hawkes Bay	166	GM	401	639	724 (0)	210	43	151	51
Hutt Valley	150	GM	582	888	0*	0*	60	20	93
Taranaki	120	GM	327	617			5	37	57
Lakes	110	GM	598	1,868	269 (0)	441	55	23	108
Small sized DHB <100,000 population									
Whanganui	65	GM					33		
South Canterbury	60	GM	*	*	192C		48		
Tairāwhiti	49	GM	*	*		306	87	71	73
Wairarapa	45	GM	*	*	*	*		73	89
West Coast	32	GM			350C		56		

All data represents the annual number per 100,000 population. Empty fields are due to lack of data.
Pulmonary rehabilitation patient numbers are total referrals and patients completing a programme (75% attendance) per 100,000 population.
Home oxygen patient numbers are totals on oxygen concentrator treatment and patients also on cylinder oxygen (for ambulatory or emergency use).
The survey did not establish wait times, patient volumes including inter-district flows.
Admissions numbers shown are under care of a dedicated Respiratory service. GM = Generalist admission model i.e., acute admission under General Medical services.
Outpatient activity includes senior medical officers/ registered medical officers/ nurse practitioners/ clinical nurse specialists where these are available.
[C] Community sleep assessments including a level 4 study (only for Canterbury, Mid Central, South Canterbury, West Coast DHBs).
*Auckland DHB provides sleep services for Waitemata. WellSleep/ Capital Coast DHB provides sleep services for Hutt Valley and Wairarapa DHBs, and Eden Sleep provides sleep services for Taranaki.
Data from Neill et al.[23]
Further Abbreviations: FSA = first specialist assessment; CPAP = continuous positive airway pressure; NIV = non-invasive ventilation; PSG = polysomnography.