

DATA BRIEF- PLETHYSMOGRAPHY

Data Captured

- Claims and expenditure associated with listed plethysmography related procedures
- Claims and expenditure associated with listed plethysmography related diagnoses

Disclaimer & Explanation

Data provided in this response is provided by the Bermuda Health Council and must be cited and authorized prior to publication or use. Bermuda Health Council does not make any guarantees or provide third party validation for the data sources.

Data briefs are created and posted based on input from a variety of stakeholders and are used for multiple applications. The data presented below are by topic, with specifics such as diagnoses codes and procedures codes often coming from the requestor. As a result, the same topic or condition may show different claims data, due to variability in coding selection. Additionally, as information is received, changes in data capture may occur, which may be corroborated by the dates of the request. Due to the nature of procedure coding, many codes are not mutually exclusive to a specific application or specialty, which means values for office visits, for example, may appear in multiple specialty analytics. Additional information is available, with regard to claim type and diagnosis to discern further follow up, as needed. Finally, analytics for “common” coding in any field are strictly based on identically matching values. It is possible other, frequent codes exist, but may not be captured if entered in multiple varied formats.

The data used to generate this brief includes claims data and expenditure from 1 April 2016 to 31 March 2017. For any clarification or follow up information, please email healthcouncil@bhec.bm. To submit a topic of interest for a data brief, please complete an online [Data Analysis Interest Form](#).

Data

Procedure Code	Description	Number of Claims	Expenditure
94726	Plethysmography for determination of lung volumes and, When performed, airway resistance	53	\$ 12,521.37
94728	Airway resistance by impulse oscillometry	0	\$ -
94750	Pulmonary compliance study (eg, plethysmography, volume and pressure measurements)	2	\$ 29.92

94727	Gas dilution or washout for determination of%lung volumes and, When performed, distribution of ventilation and closing volumes	30	\$ 3,883.90
94728	Airway resistance by impulse oscillometry	0	\$ -
94010	Forced vital capacity – breathing capacity test	205	\$ 20,377.67
94060	Pre vs. Post bronchodilator – breathing capacity test	173	\$ 23,701.25
94729	Diffusing Capacity (Mini Box+ only)	87	\$ 22,047.20
94200	Maximum breathing capacity	0	\$ -

Primary Diagnosis	Description	Number of Claims	Expenditure
135.0	Sarcoidosis	473	\$ 79,639.76
277.0	Cystic Fibrosis	25	\$ 29,107.87
277.01			
277.02			
277.03			
277.04			
277.05			
277.06			
277.07			
277.08			
277.09			
480.0	Viral pneumonia	31	\$ 27,903.58
480.1			
480.2			
480.3			
480.4			
480.5			
480.6			
480.7			
480.8			
480.9			
481.0	Pneumococcal pneumonia (Streptococcus pneumoniae pneumonia)	60	\$ 29,341.86
482.0	Other bacterial pneumonia	298	\$ 66,730.14
482.1			
482.2			
482.3			
482.4			
482.5			
482.6			
482.7			
482.8			
482.9			

483.0	Pneumonia due to other specified organism	38	\$ 38,075.40
483.1			
483.2			
483.3			
483.4			
483.5			
483.6			
483.7			
483.8			
483.9			
484.0	Pneumonia in infectious diseases classified elsewhere	7	\$ 1,352.63
484.1			
484.2			
484.3			
484.4			
484.5			
484.6			
484.7			
484.8			
485.0	Bronchopneumonia, organism unspecified	298	\$ 100,712.40
486.0	Pneumonia, organism unspecified	7669	\$ 2,452,657.03
487.0	Influenza	1184	\$ 180,865.93
487.1			
487.2			
487.3			
487.4			
487.5			
487.6			
487.7			
487.8			
488.01	Influenza due to identified avian influenza virus	0	\$ -
488.02			
488.03			
488.04			
488.05			
488.06			
488.07			
488.08			
488.09			
490.0	Bronchitis, not specified as acute or chronic	920	\$ 123,577.26
491.0	Chronic bronchitis Total Body Plethysmography	272	\$ 39,103.42
491.1			
491.2			

491.3			
491.4			
491.5			
491.6			
491.7			
491.8			
491.9			
492.0	Emphysema	198	\$ 69,316.97
492.1			
492.2			
492.3			
492.4			
492.5			
492.6			
492.7			
492.8			
493.0	Asthma	*	*
494.0	Bronchiectasis	105	\$ 13,754.93
494.1			
495.0	Extrinsic allergic alveolitis	27	\$ 1,205.87
495.1			
495.2			
495.3			
495.4			
495.5			
495.6			
495.7			
495.8			
495.9			
496.0	Chronic airway obstruction, not elsewhere classified	741	\$ 95,407.39
500.0	Coal workers' pneumoconiosis	0	\$ -
501.0	Asbestosis	10	\$ 4,300.00
502.0	Pneumoconiosis due to other silica or silicates	0	\$ -
503.0	Pneumoconiosis due to other inorganic dust	0	\$ -
504.0	Pneumonopathy due to inhalation of other dust	0	\$ -
505.0	Pneumoconiosis, unspecified	0	\$ -
506.0	Respiratory conditions due to chemical fumes and vapors	13	\$ 9,379.00
506.1			
506.2			
506.3			
506.4			
506.5			
506.6			
506.7			

506.8			
506.9			
507.0	Pneumonitis due to solids and liquids	332	\$ 216,346.80
507.1			
507.2			
507.3			
507.4			
507.5			
507.6			
507.7			
507.8			
508.0	Respiratory conditions due to other and unspecified external agents	33	\$ 4,144.99
508.1			
508.2			
508.3			
508.4			
508.5			
508.6			
508.7			
508.8			
508.9			
510.0	Emphysema	6	\$ 2,222.68
510.1			
510.2			
510.3			
510.4			
510.5			
510.6			
510.7			
510.8			
510.9			
511.0	Pleurisy	697	\$ 121,026.89
511.1			
511.2			
511.3			
511.4			
511.5			
511.6			
511.7			
511.8			
511.9			
512.0	Pneumothorax	69	\$ 18,289.89
512.1			
512.2			

512.3			
512.4			
512.5			
512.6			
512.7			
512.8			
513.0	Abscess of lung and mediastinum	80	\$ 32,849.90
513.1			
514.0	Pulmonary congestion and hypostasis	307	\$ 36,157.50
515.0	Postinflammatory pulmonary fibrosis	327	\$ 581,485.54
516.0	Other alveolar and parietoalveolar pneumonopathy	44	\$ 10,410.29
516.1			
516.2			
516.3			
516.4			
516.5			
516.6			
516.7			
516.8			
516.9			
517.0	Lung involvement in conditions classified elsewhere	11	\$ 546.00
517.1			
517.2			
517.3			
517.4			
517.5			
517.6			
517.7			
517.8			
518.0	Other diseases of lung	326	\$ 89,014.15
518.1			
518.2			
518.3			
518.4			
518.5			
518.6			
518.7			
518.8			
519.0	Other diseases of respiratory system	324	\$ 105,935.32
519.1			
519.2			
519.3			
519.4			

519.5			
519.6			
519.7			
519.8			
519.9			
786.05	Shortness of breath	303	\$ 79,781.84
786.09	Other dyspnea and respiratory abnormalities	245	\$ 45,800.99