ALSWH COMMON CONDITIONS FROM MULTIPLE SOURCES DATASETS

Selection Criteria and Data Dictionary for ALL cohort Common Conditions Dataset

Paul McElwee

16 Sep 2022

Contents

Acknowledgements

Composition of datasets

Dates of coverage for data sources

The linkage datasets from which the common conditions datasets are derived cover differing time periods and for different states or territories.

Data source		State	From	To
1	Cause Of Death (from AIHW National Death Index)	all	May 1996	Dec 2019
2	Cancer registry	all	Jan 1982	Dec 2017
4.1	MBS	all	Feb 1984	Aug 2021
4.2	MBS: DVA	all	Jan 1991	Dec 2020
5	PBS	all	Jul 2002	Aug 2021
6.1	Hospital: Admissions	ACT[2]	Jul 2004	Jun 2020
		NSW[3]	Jun 2001	Mar 2021
		NT[2]	Jun 2000	Jun 2019
		Qld[3]	Jul 2002	Jun 2020
		SA[1]	Jun 2000	Jun 2020
		Tas[2]	Jan 2007	Dec 2019
		Vic[4]	Jul 1993	Dec 2020
		WA	Jan 1970	Dec 2017
6.2	Hospital: Emergency	ACT[2]	Jul 2005	Jun 2020
		NSW	Jan 2005	Mar 2021
		NT[2]	Jul 2000	Jun 2019
		Qld	Jul 2009	Jun 2020
		SA[1]	Jul 2003	Jun 2020
		Tas[2]	Jan 2007	Dec 2019
		Vic	Jul 1999	Dec 2020
		WA	Jan 2002	Oct 2018

Data source		State	From	To
7.1	Aged Care: ACAP	all	Jul 2003	May 2016
7.2	Aged Care: ACFI	all	Jul 2008	Dec 2019
7.3	Aged Care: events	all	May 1997	Sep 2015
7.4	Aged Care: veterans' homes	all	Jan 2001	Apr 2021
7.5	Aged Care: home care packages	all	Jan 1996	Sep 2020
7.6	Aged Care: NSAF	all	Apr 2000	Jun 2020

[1] Public Hospitals ONLY

[2] Limited Public Hospitals ONLY

[3] Qld data from Jul 2002 to Jul 2007 is Public Hospitals ONLY

[4] Vic data from Jul 1993 to Dec 1999 were supplied in 2019; data from 2000 only were re-supplied in 2021

Note: After advice from the ALSWH Senior Project Coordinator (Data Linkage), no DVA data have been used as sources for the generation of these CCMS datasets, hence they are greyed out in the table above.

Integrating individual common conditions datasets

The dataset **all_CCMS_20220916** (55497 records) is built of the data-linkage-permitting women in all cohorts and the ALL common conditions datasets. Each of these ALL conditions datasets are for all cohorts of women:

all_linkagebase_20221020 (55497 records).

all_asthma_20220916 (7152 records) selected specifically for asthma.

all_cancer_20220916 (8341 records) selected only on minimal sources: COD, hospital, MBS and cancer registry, **NOT** ALSWH self-report.

all_cholesterol_20220916 (13171 records) selected specifically for hypercholesterolaemia.

all_copd_20220916 (3008 records) selected specifically for COPD.

all_dementia_20220916 (4898 records) selected on valid dementia diagnosis as originally used in other dementia researchers' selection. This is largely "Alzheimer disease", "Vascular dementia" and "Unspecified dementia".

all_diabetes_20220916 (6132 records) selected on the Multi-morbidity report criteria.

all_eatdisorder_20220916 (1125 records) selected on narrower Multi-morbidity report criteria: specifically eating disorder criteria.

all_fibroids_20220916 (1483 records) selected specifically for uterine fibroids.

all_hypertension_20220916 (18627 records) selected principally on essential hypertension and excludes gestational hypertension.

all_ischeartdis_20220916 (9479 records) selected on narrower Multi-morbidity report criteria: it specifically selects for ischaemic heart disease (i.e. does not contain "heart failure"), however it does include "heart surgery" from survey questions as these are primarily for ischaemia ("heart bypass, angioplasty, angiography").

all_mhdepnanx_20220916 (24948 records) it specifically selects for depression and anxiety utilising scales and with extended ALSWH variables, MBS, PBS, and ICD codes.

all_stroke_20220916 (4470 records) selected on the Multi-morbidity report criteria.

Previous datasets now excluded

Previously, there was an **all_musculoskel** dataset which was determined to be too broad and conflated multiple musculoskeletal conditions such as "cervical disc displacement", "rheumatoid arthritis", "scoliosis", "osteoarthritis" "spinal deformities", and "back pain". As such, it was excluded from the CCMS datasets until more specific condition datasets can be generated.

There was also a previous **all_respiratory** dataset which was determined to be conflate multiple respiratory conditions. This dataset has been split into the new asthma and COPD datasets.

Re-issue of these datasets

As ALSWH is a longitudinal study, data are regularly supplied such as new surveys or updated and extended linkage datasets.

It is expected that these common conditions datasets will be re-issued annually incorporating the new data. These re-issues will most likely be completed toward the end of the calendar year.

Selection criteria for datasets

Asthma

ALL COHORT ASTHMA DATASET
FROM ALSWH, MBS, PBS, HOSPITAL, AND DEATHS.

This dataset was selected specifically for asthma. As there are specific MBS item specific for asthma, MBS was used as a source in comparison to the COPD dataset.

In Asthma dataset			
cohort	No	Yes	Total
1921-26 (OLD)	10263	1807 (14.97%)	**12070**
1946-51 (MID)	10955	1999 (15.43%)	**12954**
1973-78 (YNG)	12105	1396 (10.34%)	**13501**
1989-95 (NYC)	15022	1950 (11.49%)	**16972**
Total	**48345**	**7152 (12.89%)**	**55497**

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	NO
7.2	F	Aged Care: ACFI	NO
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	NO

Data source	Eligibility criteria
ALSWH SURVEY	Reported twice or more **AND** Breathing difficulties 'often' once or more **AND** Once or more in MBS, PBS, or Hospital.
MBS	Reported once or more.
PBS	Reported twice or more 'scripts within 12m **OR** Once AND Once or more in MBS or Hospital.
Hospital	Reported once or more.
COD	Reported once.

Asthma selection functions used

Category 1: Asthma according to multi-morbidity report
Category 9: Other PBS authored medication for asthma

Function	Description	Output
fnasmcomm	PARM STRING COMMENT TO TEST FOR ASTHMA	01
fnasmdx	PARM STRING ICD CODE TO TEST FOR ASTHMA	01
fnasmmbs	PARM STRING MBS CODE TO TEST FOR ASTHMA	01
fnasmmed	PARM STRING PBS ITEM CODE OR ATC CODE TO TEST FOR ASTHMA	019

Survey questions

NYC01:	z1q9f	MEDH379	asthma, ever dx
	z1q4b	CPRB002	breathing difficulty, 12m exp
NYC02:	z2q10f	MEDH379	asthma, ever dx
	z2q4b	CPRB002	breathing difficulty, 12m exp
NYC03:	z3q10b	MEDH379	asthma, ever dx
	z3q4b	CPRB002	breathing difficulty, 12m exp
NYC05:	z5q39b	MEDH379	asthma, ever dx
	z5q40b	MEDH510	asthma, 12m dx rx
	z5q59	CPRB002	breathing difficulty, 12m exp
NYC06:	z6q5b	MEDH379	asthma, ever dx
	z6q6b	MEDH608	asthma, 2y dx rx
	z6q12	CPRB002	breathing difficulty, 12m exp
YNG01:	y1q15e		asthma, ever dx
	y1q26ab		asthma, 12m exp
YNG02:	y2q12ah		asthma, <=4y dx
	y2q12bh		asthma, >4y dx
YNG03:	y3q12h		asthma, 3y dx
YNG04:	y4q12h		asthma, 3y dx
YNG05:	y5q12f		asthma, 3y dx
	y5q13ae		breathing difficulty, 12m exp
YNG06:	y6q12f		asthma, 3y dx
	y6q13ae		breathing difficulty, 12m exp
YNG07:	y7q24f		asthma, 3y dx
	y7q44ae		breathing difficulty, 12m exp
YNG08:	y8q24k		asthma, 3y dx
	y8q50ae		breathing difficulty, 12m exp
MID01:	m1q15g		asthma, ever dx
	m1q34ab		breathing difficulty, 12m exp
MID02:	m2q20h		asthma, 3y dx
	m2q29ab		breathing difficulty, 12m exp
MID03:	m3q35j		asthma, 3y dx
	m3q37ab		breathing difficulty, 12m exp
MID04:	m4q29al		med for asthma, presc, 4w taken
	m4q29bl		med for asthma, other, 4w taken
	m4q32i		asthma, 3y dx
	m4q38ab		breathing difficulty, 12m exp
MID05:	m5q38j		asthma, 3y dx
	m5q44ab		breathing difficulty, 12m exp
MID06:	m6q38k		asthma, 3y dx
	m6q46ab		breathing difficulty, 12m exp
MID07:	m7q32s		asthma, 3y dx
	m7q42b		breathing difficulty, 12m exp
MID08:	m8q30s		asthma, 3y dx
	m8q36h		med salbutamol, 4w taken
	m8q41b		breathing difficulty, 12m exp
MID09:	m9q33z		asthma, 3y dx
	m9q42a		med salbutamol, 4w taken
	m9q47b		breathing difficulty, 12m exp
OLD01:	o1q16g		asthma, ever dx
	o1q27ab		breathing difficulty, 12m exp
OLD02:	o2q1h		asthma, 3y dx
	o2q16ab		breathing difficulty, 12m exp
OLD03:	o3q1h		asthma, 3y dx
	o3q8e		med for asthma, presc, 4w taken
	o3q18af		breathing difficulty, 12m exp
OLD04:	o4q1j		asthma, 3y dx
	o4q25f		breathing difficulty, 12m exp

OLD05:	o5q1i	asthma, 3y dx
	o5q23d	breathing difficulty, 12m exp
OLD06:	o6q1k	asthma, 3y dx
	o6q3d	breathing difficulty, 12m exp
OLD07:	o7q13c	breathing difficulty, 12m exp

Text searched within survey text variables, comments, proxy statements, withdrawal

"asthma", "astma", "athsma"

Codes used for selection

Hospital and COD ICD versions and codes

9	493	Asthma
10	J45	Asthma
10	J46	Status asthmaticus

MBS item codes

00265	Professional attendance at consulting rooms of more than 5 minutes requirements of the Asthma Cycle of Care
00266	Professional attendance at a place other than consulting rooms of more than 5 minutes requirements of the Asthma Cycle of Care
00268	Professional attendance at consulting rooms of more than 25 minutes requirements of the Asthma Cycle of Care
00269	Professional attendance at a place other than consulting rooms of more than 25 minutes requirements of the Asthma Cycle of Care
00270	Professional attendance at consulting rooms of more than 45 minutes requirements of the Asthma Cycle of Care
00271	Professional attendance at a place other than consulting rooms of more than 45 minutes requirements of the Asthma Cycle of Care
02546	At a minimum the Asthma 3+ Visit Plan
02547	Out-of-surgery consultation - Completion Of The Asthma 3+ Visit Plan
02552	Out-of-surgery consultation - Completion Of The Asthma 3+ Visit Plan
02553	Out-of-surgery consultation - Completion Of The Asthma 3+ Visit Plan
02558	Out-of-surgery consultation - Completion Of The Asthma 3+ Visit Plan
02559	Out-of-surgery consultation - Completion Of The Asthma 3+ Visit Plan
02664	At a minimum the Asthma 3+ Visit Plan
02666	Long consultation or more than 25 minutes duration - completes the requirements of the Asthma 3+ Visit Plan
02668	Prolonged consultation of more than 45 minutes duration - completes the requirements of the Asthma 3+ Visit Plan
02673	Out-of-surgery consultation - completes the requirements of the Asthma 3+ Visit Plan
02675	Long consultation or more than 25 minutes duration - completes the requirements of the Asthma 3+ Visit Plan
02677	Prolonged consultation of more than 45 minutes duration - completes the requirements of the Asthma 3+ Visit Plan
71095	Quantitation of serum or plasma eosinophil cationic protein, or both, to a maximum of 3 assays in 1 year, for monitoring the response to therapy in corticosteroid treated asthma

PBS Item Codes and ATC Codes for PBS and survey medications

02065Q†	R03BA02	Budesonide
02066R†	R03BA02	Budesonide
02827T†	R03AK11	Formoterol and fluticasone
08136F†	R03AC13	Formoterol
08141L†	R03AC12	Salmeterol
08239P†	R03AC13	Formoterol
08408M†	R03BA01	Beclomethasone
08409N†	R03BA01	Beclomethasone
08430Q†	R03AK06	Salmeterol and fluticasone
08431R†	R03AK06	Salmeterol and fluticasone
08517G†	R03AK06	Salmeterol and fluticasone
08518H†	R03AK06	Salmeterol and fluticasone
08625Y†	R03AK07	Formoterol and budesonide
08627C†	R03DC03	Montelukast

08628D†	R03DC03	Montelukast
08796Y†	R03AK07	Formoterol and budesonide
10007Q†	R03AK11	Formoterol and fluticasone
10008R†	R03AK11	Formoterol and fluticasone
10015D†	R03AK07	Formoterol and budesonide
11043F†	R03BB04	Betamethasone
11129R†	R03AK10	Vilanterol and fluticasone furoate
11273H†	R03AK07	Formoterol and budesonide
11629C†	R03BB04	Betamethasone
	R03DC01‡	Zafirlukast
	R03DC03‡	Montelukast
	R03DC53‡	Montelukast, combinations

†*Asthma from PBS ITEM CODE;* ‡*Asthma from PBS AUTHORISATION*

Cancer

This dataset was derived from limited sources. After advice, no self-report from ALSWH surveys were used for selection but inclusion in the cancer registry is used for selection. The dataset was selected only for malignant cancers so no skin cancer is included except for melanoma.
MBS schedules from 1996 to 2020 were reviewed for relevant item codes and limited after consultation with the data analyst to MBS item code with high positive predictive value. Hospital and MBS were only used solely for selection if codes post 2017: the latest date of the cancer registry.

In Cancer dataset			
cohort	No	Yes	Total
1921-26 (OLD)	8021	4049 (33.55%)	**12070**
1946-51 (MID)	9728	3226 (24.9%)	**12954**
1973-78 (YNG)	12740	761 (5.64%)	**13501**
1989-95 (NYC)	16667	305 (1.8%)	**16972**
Total	**47156**	**8341 (15.03%)**	**55497**

Maximum number of sources reporting this condition: 4

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	YES
3.1	A	ALSWH: survey variables	NO
3.2	T	ALSWH: text fields	NO
3.3	L	ALSWH: medications	NO
3.4	O	ALSWH: comments	NO
3.5	X	ALSWH: proxy statement	NO
3.6	W	ALSWH: withdrawal	NO
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	NO
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	NO
7.2	F	Aged Care: ACFI	NO
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	NO

Data source	Eligibility criteria
Cancer Registry	Reported once.
MBS	Reported once or more if after 2017.
Hospital	Reported once or more if after 2017.
COD	Reported once.

Cancer selection functions used

Category 1: Malignant/carcinoma cancer

Function	Description	Output
fncandx3	PARM STRING ICD CODE TO SPECIFICALLY MALIGNANT CANCER CHAPTER "C"	01
fncanmbs2	PARM STRING MINIMAL MBS CODE TO TEST FOR CANCER	01

Codes used for selection

Hospital and COD ICD versions and codes

9	14*	Malignant Neoplasm of Lip, Oral Cavity, And Pharynx
9	15*	Malignant Neoplasm of Digestive Organs and Peritoneum
9	16*	Malignant Neoplasm of Respiratory and Intrathoracic Organs
9	17*	Malignant Neoplasm of Other Organs
9	18*	Malignant Neoplasm of Genitourinary Organs
9	19*	Malignant Neoplasm of Other and Unspecified Sites
9	20*	Malignant Neoplasm of Lymphatic and Hematopoietic Tissue
10	C0*	Malignant neoplasms
10	C1*	Malignant neoplasms
10	C2*	Malignant neoplasms
10	C3*	Malignant neoplasms
10	C4*	Malignant neoplasms
10	C5*	Malignant neoplasms
10	C6*	Malignant neoplasms
10	C7*	Malignant neoplasms
10	C8*	Malignant neoplasms
10	C9*	Malignant neoplasms

MBS item codes

00871	MULTIDISCIPLINARY CASE CONFERENCE ON A PATIENT WITH CANCER
00872	MULTIDISCIPLINARY CASE CONFERENCE ON A PATIENT WITH CANCER
13760	IN VITRO PROCESSING (and cryopreservation) of bone marrow or peripheral blood for autologous stem cell transplantation as an adjunct to high dose chemotherapy
13915	CYTOTOXIC CHEMOTHERAPY
13918	CYTOTOXIC CHEMOTHERAPY
13921	CYTOTOXIC CHEMOTHERAPY
13924	CYTOTOXIC CHEMOTHERAPY
13927	CYTOTOXIC CHEMOTHERAPY
13930	CYTOTOXIC CHEMOTHERAPY
13939	IMPLANTED PUMP OR RESERVOIR, loading of, with a cytotoxic agent
13942	AMBULATORY DRUG DELIVERY DEVICE, loading of, with a cytotoxic agent
13945	LONG-TERM IMPLANTED DRUG DELIVERY DEVICE FOR CYTOTOXIC CHEMOTHERAPY
13948	CYTOTOXIC AGENT, instillation of, into a body cavity
15100	Radiation Oncology
15103	Radiation Oncology
15275	Radiation Oncology Treatment
15556	DOSIMETRY FOR THREE DIMENSIONAL CONFORMAL RADIOTHERAPY
15559	DOSIMETRY FOR THREE DIMENSIONAL CONFORMAL RADIOTHERAPY
15562	DOSIMETRY FOR THREE DIMENSIONAL CONFORMAL RADIOTHERAPY
15565	Preparation of an IMRT DOSIMETRY PLAN based on a review and assessment by a radiation oncologist
15700	Radiation Oncology Treatment Verification
15705	Radiation Oncology Treatment Verification
15710	Radiation Oncology Treatment Verification
15715	Radiation Oncology Treatment Verification
20847	INITIATION OF MANAGEMENT OF ANAESTHESIA for ovarian malignancy
30299	SENTINEL LYMPH NODE BIOPSY OR BIOPSIES for breast cancer
30300	SENTINEL LYMPH NODE BIOPSY OR BIOPSIES for breast cancer
30347	BREAST, MALIGNANT TUMOUR
30523	GASTRECTOMY, SUB-TOTAL RADICAL, for carcinoma
30524	GASTRECTOMY, TOTAL RADICAL, for carcinoma
30696	ENDOSCOPIC ULTRASOUND GUIDED FINE NEEDLE ASPIRATION BIOPSY(S) (endoscopy with ultrasound imaging) to obtain one or more specimens from either: (a) mediastinal mass(es) or (b) locoregional nodes to stage non-small cell lung carcinoma
31300	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE

31305	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31310	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31315	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31320	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31325	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31330	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31335	MALIGNANT MELANOMA, APPENDAGEAL CARCINOMA, MALIGNANT FIBROUS TUMOUR OF SKIN, MERKEL CELL CARCINOMA OF SKIN or HUTCHINSON'S MELANOTIC FRECKLE
31355	MALIGNANT TUMOUR of SOFT TISSUE
31371	Malignant melanoma, appendageal carcinoma
31372	Malignant melanoma, appendageal carcinoma
31373	Malignant melanoma, appendageal carcinoma
31374	Malignant melanoma, appendageal carcinoma
31375	Malignant melanoma, appendageal carcinoma
31376	Malignant melanoma, appendageal carcinoma
31403	MALIGNANT UPPER AERODIGESTIVE TRACT TUMOUR
31406	MALIGNANT UPPER AERODIGESTIVE TRACT TUMOUR
31509	BREAST, MALIGNANT TUMOUR
31512	BREAST, MALIGNANT TUMOUR
31515	BREAST, TUMOUR SITE, re-excision of following open biopsy or incomplete excision of malignant tumour
32105	ANORECTAL CARCINOMA - per anal full thickness excision of
35536	VULVA, wide local excision of suspected malignancy
35539	COLPOSCOPICALL Y DIRECTED CO2 LASER THERAPY for previously confirmed intraepithelial neoplasm
35542	COLPOSCOPICALL Y DIRECTED CO2 LASER THERAPY for previously confirmed intraepithelial neoplasm
35548	VULVECTOMY, radical, for malignancy
35561	VAGINECTOMY, radical, for proven invasive malignancy
35564	VAGINECTOMY, radical, for proven invasive malignancy
35644	CERVIX, electrocoagulation diathermy with colposcopy, for previously confirmed intraepithelial neoplasm
35646	CERVIX, colposcopy with radical diathermy of, with or without cervical biopsy, for previously confirmed intraepithelial neoplasm
35647	CERVIX, large loop excision of transforrnation zone together with colposcopy for previously confirmed intraepithelial neoplasm
35661	HYSTERECTOMY, ABDOMINAL for proven malignancy
35664	RADICAL HYSTERECTOMY for proven malignancy
35667	RADICAL HYSTERECTOMY for proven malignancy
35720	RADICAL OR DEBULKING OPERATION for advanced gynaecological malignancy
35723	RETRO-PERITONEAL L YMPHNODE BIOPSIES from above the level of the aortic bifurcation, for staging or restaging of gynaecological malignancy
35726	INFRA-COUC OMENTECTOMY with multiple peritoneal biopsies for staging or restaging of gynaecological malignancy
35729	OVARIAN TRANSPOSITION out of the pelvis, in conjunction with radical hysterectomy for invasive malignancy
36526	NEPHRECTOMY, radical with en bloc dissection of lymph nodes, with or without adrenalectomy, for a tumour
36528	Nephrectomy, radical with en bloc dissection of lymph nodes, with or without adrenalectomy, for a tumour
36529	Nephrectomy, radical with en bloc dissection of lymph nodes, with or without adrenalectomy, for a tumour
39709	CRANIOTOMY for removal of glioma, metastatic carcinoma or any other tumour in cerebrum, cerebellum or brain stem
39712	CRANIOTOMY FOR REMOVAL OF MENINGIOMA
42802	EPISCLERAL RADIOACTIVE PLAQUE (Ruthenium 106 or Iodine 125), for the treatment of choroidal melanomas
45520	Reduction mammaplasty (unilateral) with surgical repositioning of nipple, in the context of breast cancer or developmental abnormality of the breast
45553	Breast prosthesis, removal of and replacement with another prosthesis if the original implant was inserted in the context of breast cancer

45554	Breast prosthesis, removal of and replacement with another prosthesis if the original implant was inserted in the context of breast cancer
45556	Breast ptosis, correction of (unilateral), in the context of breast cancer
50200	AGGRESSIVE OR POTENTIALLY MALIGNANT BONE OR DEEP SOFT TISSUE TUMOUR
50201	AGGRESSIVE OR POTENTIALLY MALIGNANT BONE OR DEEP SOFT TISSUE TUMOUR
50203	BONE OR MALIGNANT DEEP SOFT TISSUE TUMOUR
61529	Whole body FDG PET study, performed for the primary staging of proven nonsmall cell lung cancer
61541	Whole body FDG PET study after definitive therapy for colorectal cancer
61553	Whole body FDG PET study, performed for the evaluation of apparently limited metastatic disease from malignant melanoma
61598	Whole body FDG PET study performed for the staging of biopsy-proven newly diagnosed or recurrent head and neck cancer
61604	Whole body FDG PET study performed for the evaluation of patients with suspected residual head and neck cancer
61616	Whole body FDG PET study for the initial staging of indolent non–Hodgkin's lymphoma
61620	Whole body FDG PET study for the initial staging of newly diagnosed or previously untreated Hodgkin's or non-Hodgkin's lymphoma
61622	Whole body FDG PET study to assess response to first line therapy either during treatment or within three months of completing definitive first line treatment for Hodgkin's or non-Hodgkin's lymphoma
61628	Whole body FDG PET study for restaging following confirmation of recurrence of Hodgkin's or non-Hodgkin's lymphoma
63473	Magnetic Resonance Imaging (diagnosed with cervical cancer)
63476	MAGNETIC RESONANCE IMAGING performed under the professional supervision of an eligible provider at an eligible location where the patient is referred by a specialist or by a consultant physician and where: (b) the request for scan identifies that the indication is for the initial staging of rectal cancer
66662	Quantitation of hormone receptors on proven primary breast or ovarian carcinoma or a metastasis from a breast or ovarian carcinoma
71077	Quantitation of immunoglobulin E (total) in the follow up of a patient with proven immunoglobulin-E-secreting myeloma
73059	Immunocytochemical examination of material for the characterisation of a malignancy
73060	Immunocytochemical examination of material for the characterisation of a malignancy
73064	Immunocytochemical examination of material for the characterisation of a malignancy
73290	The study of the whole of each chromosome by cytogenetic or other techniques, performed on blood or bone marrow, in the diagnosis and monitoring of haematological malignancy
73314	Characterisation of gene rearrangement acute myeloid leukaemia
73332	An in situ hybridization (ISH) test of tumour tissue from a patient with breast cancer
73337	A test of tumour tissue from a patient diagnosed with non-small cell lung cancer

Cholesterol: hypercholesterolaemia

This dataset was selected specifically for hypercholesterolaemia.

In Hypercholesterolaemia dataset			
cohort	No	Yes	Total
1921-26 (OLD)	6338	5732 (47.49%)	**12070**
1946-51 (MID)	6292	6662 (51.43%)	**12954**
1973-78 (YNG)	12828	673 (4.98%)	**13501**
1989-95 (NYC)	16868	104 (0.61%)	**16972**
Total	**42326**	**13171 (23.73%)**	**55497**

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES:

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans' homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported once or more **AND** Once or more in PBS, Hospital, or Aged Care.
PBS	Reported twice or more 'scripts within 12m.
Hospital	Reported once or more.
Aged Care	Reported once or more **AND** Once or more in ALSWH, PBS or Hospital.
COD	Reported once.

Hypercholesterolaemia selection functions used

Category 1: High cholesterol / hypercholesterolaemia

Function	Description	Output
fnchlac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR HIGH CHOLESTEROL	01
fnchlcomm	PARM STRING COMMENT TO TEST FOR HIGH CHOLESTEROL	01
fnchldx	PARM STRING ICD CODE TO TEST FOR HYPERCHOLESTEROLAEMIA	01
Fnchlmed	PARM STRING ATC CODE TO TEST FOR HYPERCHOLESTEROLAEMIA	01

Survey questions

YNG08:   y8q27b   high cholesterol, ever dx
MID04:   m4q29Ah   med for high cholesterol presc, 4w taken

Text searched within survey text variables, comments, proxy statements, withdrawal
"cholest" "colest", or "high chol"

Codes used for selection

Hospital and COD ICD versions and codes

 9   272.0   Pure hypercholesterolemia
10   E78.0   Pure hypercholesterolemia

ATC Codes for PBS and survey medications

C10*   Lipid Modifying Agents

Aged Care (ACAP, ACFI, NSAF) Health Conditions

408   High cholesterol

Chronic Obstructive Pulmonary Disease

This dataset was selected specifically for COPD and includes "chronic bronchitis". MBS was not used as a source since the item codes are not specific to COPD.

In COPD dataset			
cohort	No	Yes	Total
1921-26 (OLD)	10009	2061 (17.08%)	**12070**
1946-51 (MID)	12091	863 (6.66%)	**12954**
1973-78 (YNG)	13434	67 (0.5%)	**13501**
1989-95 (NYC)	16955	17 (0.1%)	**16972**
Total	**52489**	**3008 (5.42%)**	**55497**

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES:

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans' homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more **AND** Breathing difficulties 'often' twice or more **BUT NOT** for asthma **AND** Once or more in PBS, Hospital. or Aged Care.
PBS	Reported twice or more 'scripts within 12m **OR** Once AND Once or more in Hospital or Aged Care.
Hospital	Reported once or more.
Aged Care	Reported once or more **AND** Once or more in ALSWH, PBS, or Hospital.
COD	Reported once.

COPD selection functions used

Category 1: COPD according to multi-morbidity report but including chronic bronchitis

Category 9: Other PBS authorised medication for COPD

Function	Description	Output
fncpdac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR COPD	01
fncpdcomm	PARM STRING COMMENT TO TEST FOR COPD	01
fncpddx	PARM STRING ICD CODE TO TEST FOR COPD	01
fncpdmed2	PARM STRING PBS ITEM CODE OR ATC CODE TO TEST FOR COPD	019

Survey questions

MID2:	m2q20i	bronchitis/emphysema, ever dx
	m2q29ab	breathing difficulty, 12m exp
MID3:	m3q35k	bronchitis/emphysema, 3y dx
	m3q37ab	breathing difficulty, 12m exp
MID4:	m4q32j	bronchitis/emphysema, 3y dx
	m4q38ab	breathing difficulty, 12m exp
MID5:	m5q38k	bronchitis/emphysema, 3y dx
	m5q44ab	breathing difficulty, 12m exp
MID6:	m6q38l	bronchitis/emphysema, 3y dx
	m6q46ab	breathing difficulty, 12m exp
MID7:	m7q32t	bronchitis/emphysema, 3y dx
	m7q42b	breathing difficulty, 12m exp
MID8:	m8q30t	bronchitis/emphysema, 3y dx
	m8q41b	breathing difficulty, 12m exp
MID9:	m9q33aa	bronchitis/emphysema, 3y dx
	m9q47b	breathing difficulty, 12m exp
OLD2:	o2q1i	bronchitis/emphysema, 3y dx
	o2q16ab	breathing difficulty, 12m exp
OLD3:	o3q1i	bronchitis/emphysema, 3y dx
	o3q18af	breathing difficulty, 12m exp
OLD4:	o4q1k	bronchitis/emphysema, 3y dx
	o4q25f	breathing difficulty, 12m exp
OLD5:	o5q1j	bronchitis/emphysema, 3y dx
	o5q23d	breathing difficulty, 12m exp
OLD6:	o6q1l	bronchitis/emphysema, 3y dx
	o6q3d	breathing difficulty, 12m exp
OLD7:	o7q13c	breathing difficulty, 12m exp

Text searched within survey text variables, comments, proxy statements, withdrawal

"copd", "coad", "emphys", "chronic obstruct", "chronic bronchitis"

Codes used for selection

Hospital and COD ICD versions and codes

9	491	Chronic bronchitis
9	492	Emphysema
9	496	Chronic airway obstruction, not elsewhere classified
10	J41	Simple and mucopurulent chronic bronchitis
10	J43	Emphysema
10	J44	Other cnronic obstructive pulmonary disease

PBS Item Codes and ATC Codes for PBS and survey medications

05134F†	R03AC18	Indacaterol
05137J†	R03AC18	Indacaterol
10156M†	R03AL04	Indacaterol and glycopyrronium bromide
10188F†	R03AL03	Vilanterol and umeclidinium bromide
10557P†	R03AL06	Olodaterol and tiotropium bromide
11379X†	R03AL08	Vilanterol, umeclidinium bromide, and fluticasone furoate
	R03AL03‡	Vilanterol and umeclidinium bromide
	R03AL04‡	Indacaterol and glycopyrronium bromide
	R03AL05‡	Formoterol and aclidinium bromide
	R03AL06‡	Olodaterol and tiotropium bromide
	R03AL08‡	Vilanterol, umeclidinium bromide, and fluticasone furoate

†COPD from PBS ITEM CODE; ‡COPD from PBS AUTHORISATION

Aged Care (ACAP, ACFI, NSAF) Health Conditions

1005	Chronic lower respiratory diseases (includes emphysema, chronic obstructive airways disease (COAD), asthma)

Dementia

ALL COHORT DEMENTIA DATASET
FROM ALSWH, PBS, HOSPITAL, AGED CARE, AND DEATHS.

This dataset was selected only on valid dementia diagnoses as originally used in other dementia researchers' selection. This category is largely "Alzheimer's Dementia", "Vascular Dementia", and "Unspecified Dementia".

In Dementia dataset			
cohort	No	Yes	Total
1921-26 (OLD)	7462	4608 (38.18%)	**12070**
1946-51 (MID)	12669	285 (2.2%)	**12954**
1973-78 (YNG)		<5	**13501**
1989-95 (NYC)		<5	**16972**
Total	**20131**	**4898 (8.83%)**	**55497**

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES:

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	YES
7.4	N	Aged Care: veterans' homes	NO
7.5	G	Aged Care: home care packages	YES
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported once or more.
PBS	Reported once or more.
Hospital	Reported once or more.
Aged Care	Reported once or more.
COD	Reported once.

Dementia selection functions used

Category 1: Valid and originally used in Michael Waller selection

Function	Description	Output
Fndemac2	PARM STRING AGED CARE HEALTH CONDITION CODE TO TEST FOR DEMENTIA	01
Fndemcomm2	PARM STRING COMMENT TO TEST FOR DEMENTIA	01
Fndemdx2	PARM STRING ICD CODE TO TEST FOR DEMENTIA	01
Fndemmed2	PARM STRING ATC CODE TO TEST FOR DEMENTIA	01

Survey questions

MID7:   m7q32p   alzheimer's/dementia, 3y dx
MID8:   m8q30p   alzheimer's/dementia, 3y dx
MID9:   m9q33v   alzheimer's/dementia, 3y dx
OLD2:   o2q1q   alzheimer's/dementia, 3y dx
OLD3:   o3q1p   alzheimer's/dementia, 3y dx
OLD4:   o4q1r   alzheimer's/dementia, 3y dx
OLD5:   o5q1s   alzheimer's/dementia, 3y dx
OLD6:   o6q1u   alzheimer's/dementia, 3y dx

Text searched within survey text variables, comments, proxy statements, withdrawal

"dementia", "alzh", "diment"

Codes used for selection

Hospital and COD ICD versions and codes

9   290   Dementias
9   294.2   Dementia, unspecified
9   331.0   Alzheimer's disease
10   F00   Dementia in Alzheimer disease
10   F01   Vascular dementia
10   F03   Unspecified dementia
10   G30   Alzheimer's disease

ATC Codes for PBS and survey medications

N06DA01   Tacrine
N06DA02   Donepezil
N06DA03   Rivastigmine
N06DA04   Galantamine
N06DA52   Donepezil and memantine
N06DA53   Donepezil, memantine and Ginkgo folium
N06DX01   Memantine

Aged Care (ACAP, ACFI, NSAF) Health Conditions

50*   Dementia in Alzheimer's disease
51*   Vascular dementia
532   Unspecified dementia

Diabetes

This dataset was selected using criteria based on the multi-morbidity report and was selected only on definitive diabetes. It does not include gestational diabetes.

In Diabetes dataset			
cohort	No	Yes	Total
1921-26 (OLD)	9273	2797 (23.17%)	**12070**
1946-51 (MID)	10620	2334 (18.02%)	**12954**
1973-78 (YNG)	12871	630 (4.67%)	**13501**
1989-95 (NYC)	16601	371 (2.19%)	**16972**
Total	**49365**	**6132 (11.05%)**	**55497**

Maximum number of sources reporting this condition: 6

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more BUT NOT Survey reported Metformin only in YNG, NYC cohorts **AND** Once or more in MBS, PBS, Hospital, or Aged Care.
MBS	Reported one DACC **OR** Three or more other specific diabetes procedures (Hb1Ac, eye exam for diabetes, allied health for diabetes).
PBS	Reported two or more 'scripts within 12m **BUT NOT** Metformin only without other criteria in YNG, NYC cohorts.
Hospital	Reported once or more.
Aged Care	Reported once or more.
COD	Reported once.

Diabetes selection functions used

Category 1: Definitive diabetes

Function	Description	Output
fndiaac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR DIABETES	01
fndiacomm	PARM STRING COMMENT TO TEST FOR DIABETES	01
fndiadx	PARM STRING ICD CODE TO TEST FOR DIABETES	01
fndiambs	PARM STRING MBS CODE TO CATEGORY OF DIABETES	0123
fndiamed	PARM STRING ATC CODE TO TEST FOR DIABETES	01

Survey questions

NYC1:	z1q9a	MEDH419	diabetes, type I, ever dx
	z1q9b	MEDH375	diabetes, type II, ever dx
NYC2:	z2q10a	MEDH419	diabetes, type I, ever dx
	z2q10b	MEDH375	diabetes, type II, ever dx
NYC5:	z5q39f	MEDH495	diabetes, type I, ever dx
	z5q40f	MEDH514	diabetes, type I, 12m dx rx
	z5q46	MEDH538	diabetes, type I, year 1st dx rx
	z5q39g	MEDH496	diabetes, type II, ever dx
	z5q40g	MEDH515	diabetes, type II, 12m dx rx
	z5q47	MEDH539	diabetes, type II, year 1st dx rx
NYC6:	z6q5f	MEDH495	diabetes, type I, ever dx
	z6q6f	MEDH612	diabetes, type I, 2y dx rx
	z6q7?	MEDH538	diabetes, type I, year 1st dx rx
	z6q5g	MEDH496	diabetes, type II, ever dx
	z6q6g	MEDH613	diabetes, type II, 2y dx rx
	z6q7?	MEDH539	diabetes, type II, year 1st dx rx
YNG1:	y1q15a		diabetes ever dx
YNG2:	y2q12ab		diabetes, type I, <=4y dx
	y2q12bb		diabetes, type I, >4y dx
	y2q12ac		diabetes, type II, <=4y dx
	y2q12bc		diabetes, type II, >4y dx
YNG3:	y3q12b		diabetes, type I, 3y dx
	y3q12c		diabetes, type II, 3y dx
YNG4:	y4q12b		diabetes, type I, 3y dx
	y4q12c		diabetes, type II, 3y dx
YNG5:	y5q12a		diabetes, type I, 3y dx
	y5q12b		diabetes, type II, 3y dx
YNG6:	y6q12a		diabetes, type I, 3y dx
	y6q12b		diabetes, type II, 3y dx
YNG7:	y7q24a		diabetes, type I, 3y dx
	y7q24b		diabetes, type II, 3y dx
YNG8:	y8q24a		diabetes, type I, 3y dx
	y8q24b		diabetes, type II, 3y dx
MID1:	m1q15a		diabetes, ever dx
MID2:	m2q20aa		diabetes, type I, <=2y dx
	m2q20ba		diabetes, type I, >2y dx
	m2q20ab		diabetes, type II, <=2y dx
	m2q20bb		diabetes, type II, >2y dx
MID3:	m3q35b		diabetes, type I, 3y dx
	m3q35c		diabetes, type II, 3y dx
MID4:	m4q32b		diabetes, 3y dx
MID5:	m5q38a		diabetes, 3y dx
MID6:	m6q38a		diabetes, 3y dx
MID7:	m7q32a		diabetes, 3y dx
MID8:	m8q30a		diabetes, 3y dx
MID9:	m9q33a		diabetes, type I, 3y dx
	m9q33b		diabetes, type II, 3y dx
OLD1	o1q16a		diabetes, ever dx
OLD2	o2q1b		diabetes, 3y dx
OLD3	o3q1g		diabetes, 3y dx
OLD4	o4q1i		diabetes, 3y dx
OLD5	o5q1h		diabetes, 3y dx
OLD6	o6q1j		diabetes, 3y dx

Text searched within survey text variables, comments, proxy statements, withdrawal
"diab", "daib", "insulin"

Codes used for selection

Hospital and COD ICD versions and codes

9	249	Secondary diabetes mellitus
9	250	Diabetes mellitus
10	E10	Type 1 diabetes mellitus
10	E11	Type 2 diabetes mellitus
10	E13	Other specified diabetes mellitus
10	E14	Unspecified diabetes mellitus

MBS item codes

00259†	Professional attendance at consulting rooms patient with established diabetes mellitus
00260†	Professional attendance at other than consulting rooms patient with established diabetes mellitus
00261†	Professional attendance at consulting rooms patient with established diabetes mellitus
00262†	Professional attendance at other than consulting rooms patient with established diabetes mellitus
00263†	Professional attendance at consulting rooms patient with established diabetes mellitus
00264†	Professional attendance at other than consulting rooms patient with established diabetes mellitus
02509†	Out-of-surgery consultation - Completion Of An Annual Cycle Of Care For Patients With Diabetes Mellitus
02517†	Level 'b' Professional attendance - requirements for a full year of care of a patient with established diabetes mellitus
02518†	Level 'c' Professional attendance - requirements for a full year of care of a patient with established diabetes mellitus
02521†	Surgery consultations - completes the requirements for a full year of care of a patient with established diabetes mellitus
02522†	Level 'd' Professional attendance - requirements for a full year of care of a patient with established diabetes mellitus
02525†	Surgery consultations - completes the requirements for a full year of care of a patient with established diabetes mellitus
02526†	OUT-OF-SURGERY CONSULTATION completes the minimum requirements of a cycle of care for a patient with established diabetes mellitus
02620†	Surgery consultations - completes the requirements for a full year of care of a patient with established diabetes mellitus
02622†	Long consultation of more than 25 minutes - completes the requirements for a full year of care of a patient with established diabetes mellitus
02624†	Prolonged consultation of more than 45 minutes - completes the requirements for a full year of care of a patient with established diabetes mellitus
02631†	Out-of-surgery consultations - completes the requirements for a full year of care of a patient with established diabetes mellitus
02633†	Long consultation of more than 25 minutes - completes the requirements for a full year of care of a patient with established diabetes mellitus
02635†	Prolonged consultation of more than 45 minutes - completes the requirements for a full year of care of a patient with established diabetes mellitus
10915‡	Professional attendance of more than 15 minutes duration, being the first in a course of attention involving the examination of the eyes, with the instillation of a mydriatic, of a patient with diabetes mellitus
10951	Diabetes education health service provided to a person by an eligible diabetes educator
12325‡	Assessment of visual acuity and bilateral retinal photography with a non mydriatic retinal camera, including analysis and reporting of the images for initial or repeat assessment for presence or absence of diabetic retinopathy
12326‡	Assessment of visual acuity and bilateral retinal photography with a non mydriatic retinal camera, including analysis and reporting of the images for initial or repeat assessment for presence or absence of diabetic retinopathy
66319	Quantitation of glycosylated haemoglobin performed in the management of established diabetes
66322	Quantitation of glycosylated haemoglobin performed in the management of pre-existing diabetes where the patient is pregnant
66361	Beta-2-microglobulin, caeruloplasmin, haptoglobins, microalbumin in proven diabetes mellitus
66551‡	Quantitation of glycosylated haemoglobin performed in the management of established diabetes
66554	Quantitation of glycosylated haemoglobin performed in the management of pre-existing diabetes
66557	Quantitation of fructosamine performed in the management of established diabetes

66560	Microalbumin in proven diabetes mellitus - quantitation in urine
73840‡	Quantitation of glycosylated haemoglobin performed in the management of established diabetes
73844	Quantitation of urinary microalbumin in the management of established diabetes
81100‡	Diabetes education health service provided to a person by an eligible diabetes educator
81105‡	Diabetes education health service provided to a person by an eligible diabetes educator
81110‡	Exercise physiology health service provided to a person by an eligible exercise physiologist for the purposes of ASSESSING a person's suitability for group services for the management of type 2 diabetes
81115‡	Exercise physiology health service provided to a person by an eligible exercise physiologist, as a GROUP SERVICE for the management of type 2 diabetes
81120‡	Dietetics health service provided to a person by an eligible dietitian for the purposes of ASSESSING a person's suitability for group services for the management of type 2 diabetes
81125‡	Dietetics health service provided to a person by an eligible dietitian, as a GROUP SERVICE for the management of type 2 diabetes
81305	DIABETES EDUCATION HEALTH SERVICE provided to a person who is of Aboriginal or Torres Strait Islander

†*Diabetes Annual Cycle of Care item (DACC);* ‡*Other specific diabetes procedures*

ATC Codes for PBS and survey medications

A10*	Anti-diabetic Therapies

Aged Care (ACAP, ACFI, NSAF) Health Conditions

402	Diabetes mellitus—Type 1 (IDDM)
403	Diabetes mellitus—Type 2 (NIDDM)
404	Diabetes mellitus—other specified/unspecified/unable to be specified

Eating disorders

This dataset was selected using criteria from on the multi-morbidity report for eating disorders in mental health conditions, extended with survey indications for eating disorders. As there are few diagnosed eating disorders the surveys, other survey data were used to generate indications of eating disorders. This dataset was selected on diagnosed with or treated for an eating disorder, and survey data indicative for eating disorders.

In Eating Disorders dataset			
cohort	No	Yes	Total
1921-26 (OLD)	12060	10 (0.08%)	**12070**
1946-51 (MID)	12946	8 (0.06%)	**12954**
1973-78 (YNG)	13395	106 (0.79%)	**13501**
1989-95 (NYC)	15971	1001 (5.9%)	**16972**
Total	**54372**	**1125 (2.03%)**	**55497**

Maximum number of sources reporting this condition: 4

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	NO
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	NO
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	NO
7.2	F	Aged Care: ACFI	NO
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	NO

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more Dx **OR** Twice or more indicative **OR** Once Dx or indicative AND once or more in MBS or Hospital.
MBS	Reported once or more.
Hospital	Reported once or more.
COD	Reported once.

Mental health selection functions used

Category 2: Eating disorders

Function	Description	Output
fnmntcomm2	PARM STRING COMMENT TO TEST FOR MENTAL ILLNESS CONDITIONS	012
fnmntdx2	PARM STRING ICD CODE TO TEST FOR MENTAL ILLNESS CONDITIONS	012
fnmntmbs2	PARM STRING MBS CODE TO TEST FOR MENTAL ILLNESS CONDITIONS	02

Survey questions

NYC2:	z2q9d†	MEDH414	anorexia, ever dx
	z2q9e†	MEDH415	bulimia, ever dx
	z2q9f†	MEDH454	other eating disorder, ever dx
	z2q38‡	EATS060	nr meals per day
NYC3:	z3q9d†	MEDH414	anorexia, ever dx
	z3q9e†	MEDH415	bulimia, ever dx
	z3q9f†	MEDH454	other eating disorder, ever dx
NYC5:	z5q28d†	MEDH414	anorexia, ever dx
	z5q28e†	MEDH415	bulimia, ever dx
	z5q28f†	MEDH454	other eating disorder, ever dx
	z5q29d†	MEDH503	anorexia, 12m dx rx
	z5q29e†	MEDH504	bulimia, 12m dx rx
	z5q29f†	MEDH505	other eating disorder, 12m dx rx
NYC6:	z6q2d†	MEDH414	anorexia, ever dx
	z6q2e†	MEDH415	bulimia, ever dx
	z6q2f†	MEDH454	other eating disorder, ever dx
	z6q3d†	MEDH600	anorexia, 2y dx rx
	z6q3e†	MEDH601	bulimia, 2y dx rx
	z6q3f†	MEDH602	other eating disorder, 2y dx rx
	z6q318‡	WTSH043	like to weigh
YNG1:	y1q40‡		describe weight
	y1q42‡		like to weigh
YNG2:	y2q42‡		like to weigh
	y2q46‡		overeating, ever
	y2q48‡		overeating, 1m freq
	y2q49‡		overeating, 1m length
	y2q50ab‡		control weight, vomiting, 12m
	y2q50bb‡		control weight, vomiting, freq
YNG3:	y3q42‡		like to weigh
YNG4:	y4q49‡		like to weigh
YNG5:	y5Q56‡		like to weigh
YNG6:	y6q54‡		like to weigh
YNG7:	y7q36‡		like to weigh
YNG8:	y8q44‡		like to weigh
MID1:	m1q61b‡		control weight, vomiting, ever
	m1q62‡		control weight, vomiting, freq
MID2:	m2q44‡		like to weight
OLD1:	o1q42‡		like to weigh

† *Diagnosed eating disorder,* ‡ *Data used to generate indicative of eating disorder*

Cut-offs of indicative variables for eating disorders

1. Number of meals per day = 0
2. Overeating = Yes **AND**
   a. Loss of control = Yes
   b. Frequency = Every day
   c. Length of time = More than 6 months
3. Control weight, vomiting = Yes **AND**
   a. Frequency >= 2-3 times a week
   b. How often >= More than half time
4. Describe weight >= Overweight **AND**
   a. BMI category = Underweight
5. Like to weigh >= 1-5kg less **AND**
   a. BMI category = Underweight

Text searched within survey text variables, comments, proxy statements, withdrawal

"anorexia", "binge eating", "bulimia", "disordered eating", "eating disorder", "ednos", "orthorexia", "osfed"

Codes used for selection

Hospital and COD ICD version and codes

9	307.1	Anorexia nervosa
9	307.5	Other and unspecified disorders of eating
10	F50	Eating disorders

MBS item codes

90250	GP PREPARATION Eating disorders treatment plan 20-40 minutes
90251	GP PREPARATION Eating disorders treatment plan >40 minutes
90252	GP PREPARATION Eating disorders treatment plan 20-40 minutes
90253	GP PREPARATION Eating disorders treatment plan >40 minutes
90254	MEDICAL PRACTITIONER PREPARATION Eating disorders treatment plan 20-40 minutes
90255	MEDICAL PRACTITIONER PREPARATION Eating disorders treatment plan >40 minutes
90256	MEDICAL PRACTITIONER PREPARATION Eating disorders treatment plan 20-40 minutes
90257	MEDICAL PRACTITIONER PREPARATION Eating disorders treatment plan >40 minutes
90260	PSYCHIATRIST PREPARATION Eating disorders treatment plan >45 minutes
90261	PSYCHIATRIST PREPARATION Eating disorders treatment plan >45 minutes
90262	PSYCHIATRIST PREPARATION Eating disorders treatment plan >45 minutes
90263	PSYCHIATRIST PREPARATION Eating disorders treatment plan >45 minutes
90264	GP REVIEW Eating disorders treatment
90265	MEDICAL PRACTITIONER REVIEW Eating disorders treatment
90266	PSYCHIATRIST REVIEW Eating disorders treatment
90267	PSYCHIATRIST REVIEW Eating disorders treatment efficacy 20 minutes
90268	PSYCHIATRIST REVIEW Eating disorders treatment efficacy 30 minutes
90269	PSYCHIATRIST REVIEW Eating disorders treatment efficacy 20 minutes
90271	GP PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90272	GP PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90273	GP PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes
90274	GP PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes
90275	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90276	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90277	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes
90278	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes
90279	GP PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90280	GP PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes
90281	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders 30-40 minutes
90282	MEDICAL PRACTITIONER PSYCHOLOGICAL TREATMENT Eating disorders >40 minutes

Fibroids

Considering there are very few specific fibroids question in surveys and that most other data source codes are not specific, this dataset was created by restricting selection explicitly to uterine fibroids.

In Fibroids dataset			
cohort	No	Yes	Total
1921-26 (OLD)	11965	105 (0.87%)	**12070**
1946-51 (MID)	12130	824 (6.36%)	**12954**
1973-78 (YNG)	12970	531 (3.93%)	**13501**
1989-95 (NYC)	16949	23 (0.14%)	**16972**
Total	**54014**	**1483 (2.67%)**	**55497**

Maximum number of sources reporting this condition: 5

Fibroids

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	NO
7.2	F	Aged Care: ACFI	NO
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	NO

Data source	Eligibility criteria
ALSWH SURVEYS	Text response* once or more **OR** Survey question AND once or more in MBS, PBS, or Hospital.
MBS	Reported once or more.
PBS	None: only used in combination with ALSWH SURVEYS.
Hospital	Reported once or more.
COD	Reported once.

**"Text response" is any of: text fields, comments, proxy statements, or withdrawal reasons.*

Fibroids selection functions used

Category 1: Fibroids

Function	Description	Output
fnfibcomm	PARM STRING COMMENT TO TEST FOR FIBROIDS	01
fnfibdx	PARM STRING ICD CODE TO TEST FOR FIBROIDS	01
fnfibmbs	PARM STRING ATC CODE TO TEST FOR FIBROIDS	01
fnfibmed	PARM STRING ATC CODE TO CATEGORY OF FIBROIDS	012

Survey questions

YNG7:	y7q24o	Last 3 years, diagnosed or treated for: Uterine polyps / Uterine fibroids
YNG8:	y8q24t	Last 3 years, diagnosed or treated for: Uterine polyps / Uterine fibroids
YNG9:	y9q24aa	Last 3 years, diagnosed or treated for: Uterine polyps / Uterine fibroids

Text searched within survey text variables, comments, proxy statements, withdrawal

"adenomyo", "fibroid", "hysterect", "leiomyo", "menorrhagia", "myoma", "polycythem", "uterine"

Codes used for selection

Hospital and COD ICD versions and codes

9	218	Uterine leiomyoma
10	D25	Leiomyoma of uterus
10	O34.1	Maternal care for tumour of corpus uteri, uterine fibroid
11	2E86.0	Leiomyoma of uterus

MBS item codes

35410	UTERINE ARTERY CATHETERISATION

ATC Codes for PBS and survey medications

B02AA02	Tranexamic acid
G02BA03	Plastic (IUD) with progestogen (Mirena)

Hypertension

Although hypertension has not been considered chronic condition previously, this dataset was selected only on Essential hypertension and excludes gestational hypertension.

In Hypertension dataset			
cohort	No	Yes	Total
1921-26 (OLD)	2569	9501 (78.72%)	**12070**
1946-51 (MID)	5544	7410 (57.2%)	**12954**
1973-78 (YNG)	12110	1391 (10.3%)	**13501**
1989-95 (NYC)	16647	325 (1.91%)	**16972**
Total	**36870**	**18627 (33.56%)**	**55497**

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more **AND** Once or more in PBS, Hospital, or Aged Care.
PBS	Reported two or more 'scripts within 12m.
Hospital	Reported once or more.
Aged Care	Reported once or more.
COD	Reported once.

Hypertension selection functions used

Category 1: Essential hypertension / hypertension

Function	Description	Output
fnhypac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR HYPERTENSION	01
fnhypcomm	PARM STRING COMMENT TO TEST FOR HYPERTENSION	01
fnhypdx	PARM STRING ICD CODE TO CATEGORY OF HYPERTENSION	01
fnhypmed	PARM STRING ATC CODE TO CATEGORY OF HYPERTENSION	01

Survey questions

NYC1:	z1q9d	MEDH377	hypertension, ever dx
NYC2:	z2q10d	MEDH377	hypertension, ever dx
YNG1:	y1q15c		hypertension, ever dx
YNG2:	y2q12af		hypertension, non-pregnancy, <=4y dx
	y2q12bf		hypertension, non-pregnancy, >4y dx
YNG3:	y3q12f		hypertension, non-pregnancy, 3y dx
YNG4:	y4q12f		hypertension, non-pregnancy, 3y dx
YNG5:	y5q12d		hypertension, 3y dx
YNG6:	y6q12d		hypertension, 3y dx
YNG7:	y7q24d		hypertension, 3y dx
YNG8:	y8q24d		hypertension, 3y dx
MID1:	m1q15c		hypertension, ever dx
MID2:	m2q20ad		hypertension, <=2y dx
	m2q20bd		hypertension, >2y dx
MID3:	m3q35f		hypertension, 3y dx
MID4:	m4q32e		hypertension, 3y dx
MID5:	m5q38g		hypertension, 3y dx
MID6:	m6q38h		hypertension, 3y dx
MID7:	m7q32k		hypertension, 3y dx
MID8:	m8q30k		hypertension, 3y dx
MID9:	m9q33p		hypertension, 3y dx
OLD1:	o1q16c		hypertension, ever dx
OLD2:	o2q1d		hypertension, 3y dx
OLD3:	o3q1a		hypertension, 3y dx
OLD4:	o4q1a		hypertension, 3y dx
OLD5:	o5q1a		hypertension, 3y dx
OLD6:	o6q1a		hypertension, 3y dx

Text searched within survey text variables, comments, proxy statements, withdrawal

"high blood press", " high bp", " hypertens"

Codes used for selection

Hospital and COD ICD versions and codes

9	401	Essential hypertension
10	I10	Essential hypertension

ATC Codes for PBS and survey medications

C02AA*	Rauvolfia alkaloids
C02AB*	Methyldopa
C02DB*	Hydrazinophthalazine derivatives
C02LA*	Rauwolfia alkaloids and diuretics in combination
C02LB*	Methyldopa and diuretics in combination
C02LG*	Hydrazinophthalazine derivatives and diuretics
C08C*	Selective calcium channel blockers with mainly vascular effects
C08G*	Calcium channel blockers and diuretics
C09*	Agents acting on the renin–angiotensin system

Aged Care (ACAP, ACFI, NSAF) Health Conditions

921	Hypertension (high blood pressure)

Ischaemic Heart Disease

**ALL COHORT ISCHAEMIC HEART DISEASE DATASET FROM
ALSWH, MBS, PBS, HOSPITAL, AGED CARE, AND DEATHS.**

This dataset was selected using criteria based on the multi-morbidity report for heart disease but specifically selected for Ischaemic heart disease (i.e. does not contain "heart failure"), however it does include "heart surgery" from survey questions as these are primarily for ischaemia ("heart bypass, angioplasty, angiography").

In Ischaemic Heart Disease dataset			
cohort	No	Yes	Total
1921-26 (OLD)	5232	6838 (56.65%)	**12070**
1946-51 (MID)	10565	2389 (18.44%)	**12954**
1973-78 (YNG)	13294	207 (1.53%)	**13501**
1989-95 (NYC)	16927	45 (0.27%)	**16972**
Total	**46018**	**9479 (17.08%)**	**55497**

Maximum number of sources reporting this condition: 6

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	YES
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more **AND** Once or more in MBS, PBS, Hospital, or Aged Care.
MBS	Reported once or more.
PBS	Reported two or more 'scripts within 12m.
Hospital	Reported once or more.
Aged Care	Reported once or more.
COD	Reported once.

Ischaemic Heart Disease selection functions used

Category 1: Ischaemic heart disease

Function	Description	Output
fnihdac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR ISCHAEMIC HEART DISEASE	01
fnihdcomm	PARM STRING COMMENT TO TEST FOR ISCHAEMIC HEART DISEASE	01
fnihddx	PARM STRING ICD CODE TO TEST FOR ISCHAEMIC HEART DISEASE	01
fnihdmbs	PARM STRING MBS CODE TO TEST FOR ISCHAEMIC HEART DISEASE	01
fnihdmed	PARM STRING ATC CODE TO TEST FOR ISCHAEMIC HEART DISEASE	01

Survey questions

NYC1:	z1q9c	MEDH376	heart disease, ever dx
NYC2:	z2q10c	MEDH376	heart disease, ever dx
YNG1:	y1q15b		heart disease, ever dx
YNG2:	y2q12ad		heart disease, <=4y dx
	y2q12bd		heart disease, >4y dx
YNG3:	y3q12d		heart disease, 3y dx
YNG4:	y4q12d		heart disease, 3y dx
YNG5:	y5q12c		heart disease, 3y dx
YNG6:	y6q12c		heart disease, 3y dx
YNG7:	y7q24c		heart disease, 3y dx
YNG8:	y8q24c		heart disease, 3y dx
MID1:	m1q15b		heart disease, ever dx
MID2:	m2q20ac		heart disease, <=2y dx
	m2q20bc		heart disease, >2y dx
MID3:	m3q35e		heart disease, 3y dx
MID4:	m4q32d		heart disease, 3y dx
MID5:	m5q38f		heart disease, 3y dx
MID6:	m6q38f		heart disease, 3y dx
MID7:	m7q32i		heart disease, 3y dx
MID8:	m8q30i		heart disease, 3y dx
MID9:	m9q33j		MI/heart attack, 3y dx
	m9q33m		angina, 3y dx
	m9q34s		angioplasty/artery bypass/stent, 3y exp
OLD1:	o1q16b		heart disease, ever dx
OLD2:	o2q1c		heart disease, 3y dx
	o2q2ai		heart surgery, 3y exp
	o2q2bi		heart surgery, >3y exp
OLD3:	o3q1d		angina, 3y dx
	o3q1e		MI/heart attack, 3y dx
	o3q2f		heart surgery, 3y exp
OLD4:	o4q1f		angina, 3y dx
	o4q1g		MI/heart attack, 3y dx
	o4q2e		heart surgery, 3y exp
OLD5:	o5q1e		angina, 3y dx
	o5q1f		MI/heart attack, 3y dx
OLD6:	o6q1g		angina, 3y dx
	o6q1h		MI/heart attack, 3y dx
	o6q2d		heart surgery, 3y exp

Text searched within survey text variables, proxy statements, withdrawal

"angina", "anginine", "digoxin", "duride", "glycer", "gtn", "heart", "imdur", "imtrate", "isomon", "isosorb", "lanoxin", "lycinate", "minitran", "monodur", "nitro", "sigmaxin", "trinitr"

Text searched within survey comments

Narrower than text searched in other variables.

"angina", "heart attack", "heart disease", "stent"

Codes used for selection

Hospital and COD ICD versions and codes

9	410	Acute myocardial infarction
9	411	Other acute and subacute forms of ischemic heart disease
9	412	Old myocardial infarction
9	413	Angina pectoris
9	414	Other forms of cnronic ischemic heart disease
10	I20	Angina pectoris
10	I21	Acute myocardial infarction
10	I22	Subsequent myocardial infarction
10	I23	Certain current complications following acute myocardial infarction
10	I24	Other acute ischaemic heart diseases
10	I25	Chronic ischaemic heart disease

MBS item codes

3822 – 3823	Angiography
35304 – 35305	Angioplasty (PTCA)
35310	Angioplasty (PTCA)
35335	Angioplasty (PTCA)
35338	Angioplasty (PTCA)
35341	Angioplasty (PTCA)
35344	Angioplasty (PTCA)
38215 – 38219	Angiography
38240 – 38246	Angiography
38300	Angioplasty (PTCA)
38303	Angioplasty (PTCA)
38306	Angioplasty (PTCA)
38309	Angioplasty (PTCA)
38312	Angioplasty (PTCA)
38315	Angioplasty (PTCA)
38318	Angioplasty (PTCA)
38497 – 38504	Coronary artery bypass graft (CABG)

ATC Codes for PBS and survey medications

C01AA05	digoxin
C01DA02	glyceryl trinitrate
C01DA14	isosorbide mononitrate

Aged Care (ACAP, ACFI, NSAF) Health Conditions

903	Angina
904	Myocardial infarction (heart attack)
905	Acute & chronic ischaemic heart disease

Mental Health Conditions: Depression, Anxiety

This dataset was selected using criteria based on the multi-morbidity report for mental health but specifically selects for affective disorders depression or anxiety, and restricted selection to mental health scales rather than self-report variables.

In Mental Health Conditions: Depression, Anxiety dataset			
cohort	No	Yes	Total
1921-26 (OLD)	7337	4733 (39.21%)	12070
1946-51 (MID)	7144	5810 (44.85%)	12954
1973-78 (YNG)	6881	6620 (49.03%)	13501
1989-95 (NYC)	9187	7785 (45.87%)	16972
Total	30549	24948 (44.95%)	55497

Maximum number of sources reporting this condition: 5

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	YES
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	YES
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	NO
7.6	S	Aged Care: NSAF	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported twice or more beyond scale cut-off (K10>=25, CES-D>=10, SF36-MH<=52) **OR** Once scale cut-off AND once or more Dx AND once or more in PBS, Hospital, or Aged Care.
PBS	Reported two or more 'scripts within 12m **AND** Once or more in ALSWH, Hospital, or Aged Care.
Hospital	Reported once or more **AND** Once or more in ALSWH, PBS, or Aged Care.
Aged Care	Reported once or more **AND** Once or more in ALSWH, PBS, or Hospital.
COD	Reported once.

Mental health condition selection functions used

Category 1: Affective disorders

Function	Description	Output
fnmntac2	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR MENTAL ILLNESS CONDITIONS	01
fnmntcomm2	PARM STRING COMMENT TO TEST FOR MENTAL ILLNESS CONDITIONS	012
fnmntdx2	PARM STRING ICD CODE TO TEST FOR MENTAL ILLNESS CONDITIONS	012
fnmntmed2	PARM STRING ATC CODE TO TEST FOR MENTAL ILLNESS CONDITIONS	01

Survey questions

NYC1:	z1q11a	MEDH396	depression, ever dx
	z1q11b	MEDH397	anxiety disorder, ever dx
	z1q30?	K10	K10
NYC2:	z2q9a	MEDH396	depression, ever dx
	z2q9b	MEDH397	anxiety disorder, ever dx
	z2q52?	K10	K10
NYC3:	z3q9a	MEDH396	depression, ever dx
	z3q9b	MEDH397	anxiety disorder, ever dx
	z3q51?	K10	K10
NYC4:	z4q10?	MH	SF-26 mental health
	z4q35?	K10	K10
NYC5:	z5q28a	MEDH396	depression, ever dx
	z5q28b	MEDH397	anxiety disorder, ever dx
	z5q29a	MEDH500	depression, 12m dx rx
	z5q29b	MEDH501	anxiety disorder, 12m dx rx
	z5q182†	ANTENATALDEPRESSION	antenatal depression, ever
	z5q183†	POSTNATALDEPRESSION	postnatal depression, ever
	z5q184†	ANTENATALANXIETY	antenatal anxiety, ever
	z5q185†	POSTNATALANXIETY	postnatal anxiety, ever
	z5q296	K10	K10
NYC6:	z6q2a	MEDH396	depression, ever dx
	z6q2b	MEDH397	anxiety disorder, ever dx
	z6q3a	MEDH597	depression, 2y dx rx
	z6q3b	MEDH598	anxiety disorder, 2y dx rx
	z6q280	K10	K10
YNG1:	y1mh		SF26 mental health
YNG2:	y2q12ai		depression, postnatal, <=4y dx
	y2q12bi		depression, postnatal, >4y dx
	y2q12aj		depression, non-postnatal, <=4y dx
	y2q12bj		depression, non-postnatal, >4y dx
	y2q12ak		anxiety disorder, <=4y dx
	y2q12bk		anxiety disorder, >4y dx
	y2mh		SF26 mental health
	y2cesd10		CES-D 10
YNG3:	y3q12i		depression, postnatal, 3y dx
	y3q12j		depression, non-postnatal, 3y dx
	y3q12k		anxiety disorder, 3y dx
	y3mh		SF26 mental health
	y3cesd10		CES-D 10
YNG4:	y4q12j		depression, postnatal, 3y dx
	y4q12k		depression, non-postnatal, 3y dx
	y4q12l		anxiety disorder, 3y dx
	y4mh		SF26 mental health
	y4cesd10		CES-D 10
YNG5:	y5q12h		depression, 3y dx
	y5q12i		anxiety disorder, 3y dx
	y5q42atot		antenatal depression, ever
	y5q42btot		postnatal depression, ever
	y5q42ctot		antenatal anxiety, ever
	y5q42dtot		postnatal anxiety, ever
	y5mh		SF26 mental health
	y5cesd10		CES-D 10
YNG6:	y6q12h		depression, 3y dx
	y6q12i		anxiety disorder, 3y dx
	y6q40atot		antenatal depression, ever
	y6q40btot		postnatal depression, ever
	y6q40ctot		antenatal anxiety, ever

	y6q40dtot	postnatal anxiety, ever
	y6mh	SF26 mental health
	y6cesd10	CES-D 10
YNG7:	y7q24h	depression, 3y dx
	y7q24i	anxiety disorder, 3y dx
	y7q71atot† ANTEDEPRESS	antenatal depression, ever
	y7q71btot† POSTNATALDEPRESS	postnatal depression, ever
	y7q71ctot† ANTENATALANXIETY	antenatal anxiety, ever
	y7q71dtot† POSTNATALANXIETY	postnatal anxiety, ever
	y7mh	SF-26 mental health
	y7cesd10	CES-D 10
YNG8:	y8q24m	depression, 3y dx
	y8q24n	anxiety disorder, 3y dx
	y8q75atot† ANTEDEPRESS	antenatal depression, ever
	y8q75btot† POSTNATALDEPRESS	postnatal depression, ever
	y8q75ctot† ANTENATALANXIETY	antenatal anxiety, ever
	y8q75dtot† POSTNATALANXIETY	postnatal anxiety, ever
	y8q76r† FDESDP	depression or anxiety, pregnant exp
	y8q76s† FDESAP	depression or anxiety, post-pregnant exp
	y8mh	SF26 mental health
	y8cesd10	CES-D 10
MID1:	m1mh	SF26 mental health
MID2:	m2q20ap	depression, <=2y dx
	m2q20bp	depression, >2y dx
	m2q20aq	anxiety disorder, <=2y dx
	m2q20bq	anxiety disorder, >2y dx
	m2mh	SF26 mental health
	m2cesd10	CES-D 10
MID3:	m3q35q	depression, 3y dx
	m3q35r	anxiety disorder, 3y dx
	m3mh	SF26 mental health
	m3cesd10	CES-D 10
MID4:	m4q32q	depression, 3y dx
	m4q32r	anxiety disorder, 3y dx
	m4mh	SF26 mental health
	m4cesd10	CES-D 10
MID5:	m5q38q	depression, 3y dx
	m5q38r	anxiety disorder, 3y dx
	m5mh	SF26 mental health
	m5cesd10	CES-D 10
MID6:	m6q38r	depression, 3y dx
	m6q38s	anxiety disorder, 3y dx
	m6mh	SF26 mental health
	m6cesd10	CES-D 10
MID7:	m7q32cc	depression, 3y dx
	m7q32dd	anxiety disorder, 3y dx
	m7mh	SF26 mental health
	m7cesd10	CES-D 10
MID8:	m8q30cc	depression, 3y dx
	m8q30dd	anxiety disorder, 3y dx
	m8mh	SF26 mental health
	m8cesd10	CES-D 10
MID9:	m9q33kk	depression, 3y dx
	m9q33ll	anxiety disorder, 3y dx
	m9mh	SF26 mental health
	m9cesd10	CES-D 10
OLD1:	o1mh	SF26 mental health
OLD2:	o2q1o	depression, 3y dx

	o2q1p	anxiety disorder, 3y dx
	o2mh	SF26 mental health
	o2cesd10	CES-D 10
OLD3:	o3q1n	depression, 3y dx
	o3q1o	anxiety disorder, 3y dx
	o3mh	SF26 mental health
OLD4:	o4q1p	depression, 3y dx
	o4q1q	anxiety disorder, 3y dx
	o4mh	SF26 mental health
OLD5:	o5q1q	depression, 3y dx
	o5q1r	anxiety disorder, 3y dx
	o5mh	SF26 mental health
OLD6:	o6q1s	depression, 3y dx
	o6q1t	anxiety disorder, 3y dx
	o6mh	SF26 mental health
OLD7:	o7mh	SF26 mental health

† *In Child dataset*

Text searched within survey text variables, comments, proxy statements, withdrawal

"affective disorder", "anxiety", "cyclothymia", "depression", "dysthymia", "mood disorder"
Text reviewed to restrict to diagnosed or treated for depression or anxiety.

Codes used for selection

Hospital and COD ICD versions and codes

9	296	Episodic mood disorders
9	300	Anxiety, dissociative and somatoform disorders
9	309.0	Adjustment disorder with depressed mood
9	309.1	Prolonged depressive reaction
9	311	Depressive disorder, not elsewhere classified
10	F32	Depressive episode
10	F33	Recurrent depressive disorder
10	F34	Persistent mood [affective] disorders
10	F38	Other mood [affective] disorders
10	F39	Unspecified mood [affective] disorder
10	F40	Phobic anxiety disorders
10	F41	Other anxiety disorders
10	F53	Mental and behavioural disorders associated with the puerperium, not elsewhere classified

Item Codes or ATC codes for PBS and survey medications

N06AA*	Antidepressants: Non-selective monoamine reuptake inhibitors
N06AB*	Antidepressants: Selective serotonin reuptake inhibitors
N06AF*	Antidepressants: Monoamine oxidase inhibitors, non-selective
N06AG*	Antidepressants: Monoamine oxidase A inhibitors
N06AX03	Mianserin
N06AX05	Trazodone
N06AX06	Nefazodone
N06AX07	Minaprine
N06AX09	Viloxazine
N06AX10	Oxaflozane
N06AX11	Mirtazapine
N06AX12	Bupropion
N06AX13	Medifoxamine
N06AX14	Tianeptine
N06AX16	Venlafaxine
N06AX18	Reboxetine
N06AX21	Duloxetine

N06AX22	Agomelatine
N06AX23	Desvenlafaxine
N06AX24	Vilazodone
N06AX26	Vortioxetine
N06CA*	Antidepressants in combination with psycholeptics

Aged Care (ACAP, ACFI, NSAF) Health Conditions

550A	Depression, mood and affective disorders, Bi-Polar
552	Depression/Mood affective disorders
560	Neurotic, stress related, anxiety, somatoform disorders
561	Phobic & anxiety disorders (includes agoraphobia, panic disorder)

Stroke

This dataset was selected used criteria based on the multi-morbidity report and was selected only on stroke / CVA.

In Stroke dataset			
cohort	No	Yes	Total
1921-26 (OLD)	8334	3736 (30.95%)	12070
1946-51 (MID)	12360	594 (4.59%)	12954
1973-78 (YNG)	13390	111 (0.82%)	13501
1989-95 (NYC)	16943	29 (0.17%)	16972
Total	51027	4470 (8.05%)	55497

Maximum number of sources reporting this condition: 4

Summary of case selection

RECORDS ARE SELECTED FROM THE FOLLOWING DATA SOURCES

ORDER	CODE	SOURCE	INCLUSION
1	D	Cause of Death	YES
2	R	Cancer registry	NO
3.1	A	ALSWH: survey variables	YES
3.2	T	ALSWH: text fields	YES
3.3	L	ALSWH: medications	NO
3.4	O	ALSWH: comments	YES
3.5	X	ALSWH: proxy statement	YES
3.6	W	ALSWH: withdrawal	YES
4.1	M	MBS	NO
4.2	V	MBS: DVA	NO
5	P	PBS	NO
6.1	H	Hospital: Admissions	YES
6.2	Z	Hospital: Emergency	YES
7.1	C	Aged Care: ACAP	YES
7.2	F	Aged Care: ACFI	YES
7.3	E	Aged Care: events	NO
7.4	N	Aged Care: veterans homes	NO
7.5	G	Aged Care: home care packages	YES

Data source	Eligibility criteria
ALSWH SURVEYS	Reported once or more **AND** Once or more in Hospital or Aged Care.
Hospital	Reported once or more.
Aged Care	Reported once or more.
COD	Reported once.

Stroke selection functions used

Category 1: Stroke

Function	Description	Output
fnstrac	PARM STRING AGED CARE HEALTH CONDITION TO TEST FOR STROKE	01
fnstrcomm	PARM STRING COMMENT TO TEST FOR STROKE	01
fnstrdx	PARM STRING ICD CODE TO TEST FOR STROKE	01

Survey questions

MID1:	m1q15d	stroke, ever dx
MID2:	m2q20ae	stroke, <=2y dx
	m2q20be	stroke, >2y dx
MID3:	m3q35g	stroke, 3y dx
MID4:	m4q32f	stroke, 3y dx
MID5:	m5q38h	stroke, 3y dx
MID6:	m6q38i	stroke, 3y dx
MID7:	m7q32l	stroke, 3y dx
MID8:	m8q30l	stroke, 3y dx
MID9:	m9q33q	stroke, 3y dx
OLD1:	o1q16d	stroke, ever dx
OLD2:	o2q1e	stroke, 3y dx
OLD3:	o3q1j	stroke, 3y dx
OLD4:	o4q1l	stroke, 3y dx
OLD5:	o5q1k	stroke, 3y dx
OLD6:	o6q1m	stroke, 3y dx

Text searched within survey text variables, comments, proxy statements, withdrawal

"stroke", "CVA"

Codes used for selection

Hospital and COD ICD versions and codes

9	430	Subarachnoid hemorrhage
9	431	Intracerebral hemorrhage
9	432	Other and unspecified intracranial hemorrhage
9	433	Occlusion and stenosis of precerebral arteries
9	434	Occlusion of cerebral arteries
9	435	Transient cerebral ischemia
9	436	Acute, but ill-defined, cerebrovascular disease
9	437	Other and ill-defined cerebrovascular disease
9	438	Late effects of cerebrovascular disease
10	I60	Subarachnoid haemorrhage
10	I61	Intracerebral haemorrhage
10	I62	Other nontraumatic intracranial haemorrhage
10	I63	Cerebral infarction
10	I64	Stroke, not specified as haemorrhage or infarction
10	I65	Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction
10	I66	Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction
10	I67	Other cerebrovascular diseases
10	I68	Cerebrovascular disorders in diseases classified elsewhere
10	I69	Sequelae of cerebrovascular disease

Aged Care (ACAP, ACFI, NSAF) Health Conditions

91*	Cerebrovascular disease

Data dictionary

#	Group	Variable	Details	Codes
1		idalias	Participant IDALIAS	
2		cohort	CHAR3: Cohort	"MID"; "NYC"; "OLD"; "YNG"
3		deathdate	DATE9: Date of death (any cause)	
4	**Asthma**	xin_asm	NUM: In all_asthma dataset	0 "No"; 1 "Yes"
5		firstdate_asm	DATE9: First date Asthma reported from any source	
6		nsources_asm	NUM: Number of sources reporting Asthma (max 5)	
7		pattern_asm	CHAR20: pattern of selection sources for Asthma	Letter from "Code" column
8		xcod_asm	NUM: Asthma ANY COD	0 "No"; 1 "Yes"
9		ucod_asm	NUM: Asthma underlying COD	0 "No"; 1 "Yes"
10		ocod_asm	NUM: Asthma other COD	0 "No"; 1 "Yes"
11		coddx_asm	CHAR60: String of all selection Asthma COD diagnoses	ICD codes
12		xwhsr_asm	NUM: Asthma ALSWH survey question	0 "No"; 1 "Yes"
13		srsurvey_asm	NUM: Survey for first ALSWH survey Asthma question	
14		srdate_asm	DATE9: Date for first ALSWH Asthma survey question	
15		srqnr_asm	NUM: Question number for first ALSWH survey Asthma question	
16		xwhtext_asm	NUM: Asthma ALSWH survey text response	0 "No"; 1 "Yes"
17		textsurvey_asm	NUM: Survey for first ALSWH Asthma text response	
18		textdate_asm	DATE9: Date of first ALSWH text Asthma response	
19		textqnr_asm	NUM: Question number for first ALSWH text Asthma response	
20		xwhmed_asm	NUM: Asthma ALSWH survey medication	0 "No"; 1 "Yes"
21		medsurvey_asm	NUM: Survey for first ALSWH Asthma medication	
22		meddate_asm	DATE9: Date of first ALSWH survey Asthma medication	

#	Group	Variable	Details	Codes
23		atcmed_asm	CHAR100: String of all ALSWH survey Asthma medications	ATC codes
24		xwhcomm_asm	NUM: Asthma ALSWH survey comment	0 "No"; 1 "Yes"
25		commsurvey_asm	NUM: Survey for first ALSWH Asthma comment	
26		commdate_asm	DATE9: Date of first ALSWH Asthma comment	
27		xwhprox_asm	NUM: Asthma ALSWH survey proxy statement	0 "No"; 1 "Yes"
28		proxsurvey_asm	NUM: Survey for first ALSWH Asthma proxy statement	
29		proxdate_asm	DATE9: Date of first ALSWH Asthma proxy statement	
30		xwhwdraw_asm	NUM: Asthma ALSWH withdrawal	0 "No"; 1 "Yes"
31		datewdraw_asm	DATE9: Date of ALSWH Asthma withdrawal	
32		xmbs_asm	NUM: Asthma MBS procedures	0 "No"; 1 "Yes"
33		mbsdate_asm	DATE9: Date of first MBS Asthma procedure	
34		mbsstr_asm	CHAR100: String of all MBS codes for Asthma procedures	MBS item codes
35		xpbs_asm	NUM: PBS Asthma medication	0 "No"; 1 "Yes"
36		prescdate_asm	DATE9: Date of first PBS Asthma medication prescription	
37		pbsdate_asm	DATE9: Date of first PBS Asthma medication supply	
38		atcpbs_asm	CHAR100: String of all PBS Asthma medications	ATC codes
39		xhosp_asm	NUM: Asthma Hospital admissions ICD code	0 "No"; 1 "Yes"
40		hospdate_asm	DATE9: Date of first Hospital admissions Asthma ICD code	
41		hospdx_asm	CHAR200: String of all Hospital admissions Asthma ICD codes	ICD codes
42		hospstate_asm	CHAR4: State of first Hospital admissions Asthma ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
43		xhed_asm	NUM: Asthma Hospital emergency ICD code	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
44		heddate_asm	DATE9: Date of first Hospital emergency Asthma ICD code	
45		heddx_asm	CHAR2000: String of all Hospital emergency Asthma ICD codes	ICD codes
46		hedstate_asm	CHAR4: Date of first Hospital emergency Asthma ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
47	**Cancer**	xin_can	NUM: In all_cancer dataset	0 "No"; 1 "Yes"
48		firstdate_can	DATE9: First date Cancer reported from any source	
49		nsources_can	NUM: Number of sources reporting Cancer (max 4)	
50		pattern_can	CHAR20: pattern of selection sources for Cancer	Letter from "Code" column
51		xcod_can	NUM: Cancer ANY COD	0 "No"; 1 "Yes"
52		ucod_can	NUM: Cancer underlying COD	0 "No"; 1 "Yes"
53		ocod_can	NUM: Cancer other COD	0 "No"; 1 "Yes"
54		coddx_can	CHAR60: String of all selection Cancer COD diagnoses	ICD codes
55		xds_can	NUM: On Cancer registry (canceraihw2021)	0 "No"; 1 "Yes"
56		dsdate_can	DATE9: First indication of Cancer in registry (all_cancer)	
57		dsdx_can	CHAR100: String of all Cancer registry ICD10 codes	ICD codes
58		xmbs_can	NUM: Cancer MBS procedures	0 "No"; 1 "Yes"
59		mbsdate_can	DATE9: Date of first MBS Cancer procedure	
60		mbsstr_can	CHAR100: String of all MBS codes for Cancer procedures	MBS item codes
61		xhosp_can	NUM: Cancer Hospital admissions ICD code	0 "No"; 1 "Yes"
62		hospdate_can	DATE9: Date of first Hospital admissions Cancer ICD code	
63		hospdx_can	CHAR200: String of all Hospital admissions Cancer ICD codes	ICD codes
64		hospstate_can	CHAR4: State of first Hospital admissions Cancer ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
65		xhed_can	NUM: Cancer Hospital emergency ICD code	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
66		heddate_can	DATE9: Date of first Hospital emergency Cancer ICD code	
67		heddx_can	CHAR2000: String of all Hospital emergency Cancer ICD codes	ICD codes
68		hedstate_can	CHAR4: Date of first Hospital emergency Cancer ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
69	**Cholesterol**	xin_chl	NUM: In all_cholesterol dataset	0 "No"; 1 "Yes"
70		firstdate_chl	DATE9: First date Hypercholesterolaemia reported from any source	
71		nsources_chl	NUM: Number of sources reporting Hypercholesterolaemia (max 5)	
72		pattern_chl	CHAR20: pattern of selection sources for Hypercholesterolaemia	Letter from "Code" column
73		xcod_chl	NUM: Hypercholesterolaemia ANY COD	0 "No"; 1 "Yes"
74		ucod_chl	NUM: Hypercholesterolaemia underlying COD	0 "No"; 1 "Yes"
75		ocod_chl	NUM: Hypercholesterolaemia other COD	0 "No"; 1 "Yes"
76		coddx_chl	CHAR60: String of all selection Hypercholesterolaemia COD diagnoses	ICD codes
77		xwhsr_chl	NUM: Hypercholesterolaemia ALSWH survey question	0 "No"; 1 "Yes"
78		srsurvey_chl	NUM: Survey for first ALSWH survey Hypercholesterolaemia question	
79		srdate_chl	DATE9: Date for first ALSWH Hypercholesterolaemia survey question	
80		srqnr_chl	NUM: Question number for first ALSWH survey Hypercholesterolaemia question	
81		xwhtext_chl	NUM: Hypercholesterolaemia ALSWH survey text response	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
82		textsurvey_chl	NUM: Survey for first ALSWH Hypercholesterolaemia text response	
83		textdate_chl	DATE9: Date of first ALSWH text Hypercholesterolaemia response	
84		textqnr_chl	NUM: Question number for first ALSWH text Hypercholesterolaemia response	
85		xwhmed_chl	NUM: Hypercholesterolaemia ALSWH survey medication	0 "No"; 1 "Yes"
86		medsurvey_chl	NUM: Survey for first ALSWH Hypercholesterolaemia medication	
87		meddate_chl	DATE9: Date of first ALSWH survey Hypercholesterolaemia medication	
88		atcmed_chl	CHAR100: String of all ALSWH survey Hypercholesterolaemia medications	ATC codes
89		xwhcomm_chl	NUM: Hypercholesterolaemia ALSWH survey comment	0 "No"; 1 "Yes"
90		commsurvey_chl	NUM: Survey for first ALSWH Hypercholesterolaemia comment	
91		commdate_chl	DATE9: Date of first ALSWH Hypercholesterolaemia comment	
92		xwhprox_chl	NUM: Hypercholesterolaemia ALSWH survey proxy statement	0 "No"; 1 "Yes"
93		proxsurvey_chl	NUM: Survey for first ALSWH Hypercholesterolaemia proxy statement	
94		proxdate_chl	DATE9: Date of first ALSWH Hypercholesterolaemia proxy statement	
95		xwhwdraw_chl	NUM: Hypercholesterolaemia ALSWH withdrawal	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
96		datewdraw_chl	DATE9: Date of ALSWH Hypercholesterolaemia withdrawal	
97		xpbs_chl	NUM: PBS Hypercholesterolaemia medication	0 "No"; 1 "Yes"
98		prescdate_chl	DATE9: Date of first PBS Hypercholesterolaemia medication prescription	
99		pbsdate_chl	DATE9: Date of first PBS Hypercholesterolaemia medication supply	
100		atcpbs_chl	CHAR100: String of all PBS Hypercholesterolaemia medications	ATC codes
101		xhosp_chl	NUM: Hypercholesterolaemia Hospital admissions ICD code	0 "No"; 1 "Yes"
102		hospdate_chl	DATE9: Date of first Hospital admissions Hypercholesterolaemia ICD code	
103		hospdx_chl	CHAR200: String of all Hospital admissions Hypercholesterolaemia ICD codes	ICD codes
104		hospstate_chl	CHAR4: State of first Hospital admissions Hypercholesterolaemia ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
105		xhed_chl	NUM: Hypercholesterolaemia Hospital emergency ICD code	0 "No"; 1 "Yes"
106		heddate_chl	DATE9: Date of first Hospital emergency Hypercholesterolaemia ICD code	
107		heddx_chl	CHAR2000: String of all Hospital emergency Hypercholesterolaemia ICD codes	ICD codes
108		hedstate_chl	CHAR4: Date of first Hospital emergency Hypercholesterolaemia ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
109		xacap_chl	NUM: ACAP Hypercholesterolaemia health conditions	0 "No"; 1 "Yes"
110		acapdate_chl	DATE9: Date of first ACAP Hypercholesterolaemia health condition	

#	Group	Variable	Details	Codes
111		acapdx_chl	CHAR20: String of all ACAP Hypercholesterolaemia health conditions	ACAP health condition codes
112		xacfi_chl	NUM: ACFI Hypercholesterolaemia health conditions	0 "No"; 1 "Yes"
113		acfidate_chl	DATE9: Date of first ACFI Hypercholesterolaemia health condition	
114		acfidx_chl	CHAR20: String of all ACFI Hypercholesterolaemia health conditions	ACAP health condition codes
115		xacns_chl	NUM: NSAF Hypercholesterolaemia health conditions	0 "No"; 1 "Yes"
116		nsafdate_chl	DATE9: Date of first NSAF Hypercholesterolaemia health condition	
117		nsafdx_chl	CHAR20: String of all NSAF Hypercholesterolaemia health conditions	ACAP health condition codes
118	**COPD**	xin_cpd	NUM: In all_copd dataset	0 "No"; 1 "Yes"
119		firstdate_cpd	DATE9: First date COPD reported from any source	
120		nsources_cpd	NUM: Number of sources reporting COPD (max 5)	
121		pattern_cpd	CHAR20: pattern of selection sources for COPD	Letter from "Code" column
122		xcod_cpd	NUM: COPD ANY COD	0 "No"; 1 "Yes"
123		ucod_cpd	NUM: COPD underlying COD	0 "No"; 1 "Yes"
124		ocod_cpd	NUM: COPD other COD	0 "No"; 1 "Yes"
125		coddx_cpd	CHAR60: String of all selection COPD COD diagnoses	ICD codes
126		xwhsr_cpd	NUM: COPD ALSWH survey question	0 "No"; 1 "Yes"
127		srsurvey_cpd	NUM: Survey for first ALSWH survey COPD question	
128		srdate_cpd	DATE9: Date for first ALSWH COPD survey question	
129		srqnr_cpd	NUM: Question number for first ALSWH survey COPD question	
130		xwhtext_cpd	NUM: COPD ALSWH survey text response	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
131		textsurvey_cpd	NUM: Survey for first ALSWH COPD text response	
132		textdate_cpd	DATE9: Date of first ALSWH text COPD response	
133		textqnr_cpd	NUM: Question number for first ALSWH text COPD response	
134		xwhmed_cpd	NUM: COPD ALSWH survey medication	0 "No"; 1 "Yes"
135		medsurvey_cpd	NUM: Survey for first ALSWH COPD medication	
136		meddate_cpd	DATE9: Date of first ALSWH survey COPD medication	
137		atcmed_cpd	CHAR100: String of all ALSWH survey COPD medications	ATC codes
138		xwhcomm_cpd	NUM: COPD ALSWH survey comment	0 "No"; 1 "Yes"
139		commsurvey_cpd	NUM: Survey for first ALSWH COPD comment	
140		commdate_cpd	DATE9: Date of first ALSWH COPD comment	
141		xwhprox_cpd	NUM: COPD ALSWH survey proxy statement	0 "No"; 1 "Yes"
142		proxsurvey_cpd	NUM: Survey for first ALSWH COPD proxy statement	
143		proxdate_cpd	DATE9: Date of first ALSWH COPD proxy statement	
144		xwhwdraw_cpd	NUM: COPD ALSWH withdrawal	0 "No"; 1 "Yes"
145		datewdraw_cpd	DATE9: Date of ALSWH COPD withdrawal	
146		xpbs_cpd	NUM: PBS COPD medication	0 "No"; 1 "Yes"
147		prescdate_cpd	DATE9: Date of first PBS COPD medication prescription	
148		pbsdate_cpd	DATE9: Date of first PBS COPD medication supply	
149		atcpbs_cpd	CHAR100: String of all PBS COPD medications	ATC codes
150		xhosp_cpd	NUM: COPD Hospital admissions ICD code	0 "No"; 1 "Yes"
151		hospdate_cpd	DATE9: Date of first Hospital admissions COPD ICD code	

#	Group	Variable	Details	Codes
152		hospdx_cpd	CHAR200: String of all Hospital admissions COPD ICD codes	ICD codes
153		hospstate_cpd	CHAR4: State of first Hospital admissions COPD ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
154		xhed_cpd	NUM: COPD Hospital emergency ICD code	0 "No"; 1 "Yes"
155		heddate_cpd	DATE9: Date of first Hospital emergency COPD ICD code	
156		heddx_cpd	CHAR2000: String of all Hospital emergency COPD ICD codes	ICD codes
157		hedstate_cpd	CHAR4: Date of first Hospital emergency COPD ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
158		xacap_cpd	NUM: ACAP COPD health conditions	0 "No"; 1 "Yes"
159		acapdate_cpd	DATE9: Date of first ACAP COPD health condition	
160		acapdx_cpd	CHAR20: String of all ACAP COPD health conditions	ACAP health condition codes
161		xacfi_cpd	NUM: ACFI COPD health conditions	0 "No"; 1 "Yes"
162		acfidate_cpd	DATE9: Date of first ACFI COPD health condition	
163		acfidx_cpd	CHAR20: String of all ACFI COPD health conditions	ACAP health condition codes
164		xacns_cpd	NUM: NSAF COPD health conditions	0 "No"; 1 "Yes"
165		nsafdate_cpd	DATE9: Date of first NSAF COPD health condition	
166		nsafdx_cpd	CHAR20: String of all NSAF COPD health conditions	ACAP health condition codes
167	**Dementia**	xin_dem	NUM: In all_dementia dataset	0 "No"; 1 "Yes"
168		firstdate_dem	DATE9: First date Dementia reported from any source	
169		nsources_dem	NUM: Number of sources reporting Dementia (max 5)	
170		pattern_dem	CHAR20: pattern of selection sources for Dementia	Letter from "Code" column
171		xcod_dem	NUM: Dementia ANY COD	0 "No"; 1 "Yes"
172		ucod_dem	NUM: Dementia underlying COD	0 "No"; 1 "Yes"
173		ocod_dem	NUM: Dementia other COD	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
174		coddx_dem	CHAR60: String of all selection Dementia COD diagnoses	ICD codes
175		xwhsr_dem	NUM: Dementia ALSWH survey question	0 "No"; 1 "Yes"
176		srsurvey_dem	NUM: Survey for first ALSWH survey Dementia question	
177		srdate_dem	DATE9: Date for first ALSWH Dementia survey question	
178		srqnr_dem	NUM: Question number for first ALSWH survey Dementia question	
179		xwhtext_dem	NUM: Dementia ALSWH survey text response	0 "No"; 1 "Yes"
180		textsurvey_dem	NUM: Survey for first ALSWH Dementia text response	
181		textdate_dem	DATE9: Date of first ALSWH text Dementia response	
182		textqnr_dem	NUM: Question number for first ALSWH text Dementia response	
183		xwhmed_dem	NUM: Dementia ALSWH survey medication	0 "No"; 1 "Yes"
184		medsurvey_dem	NUM: Survey for first ALSWH Dementia medication	
185		meddate_dem	DATE9: Date of first ALSWH survey Dementia medication	
186		atcmed_dem	CHAR100: String of all ALSWH survey Dementia medications	ATC codes
187		xwhcomm_dem	NUM: Dementia ALSWH survey comment	0 "No"; 1 "Yes"
188		commsurvey_dem	NUM: Survey for first ALSWH Dementia comment	
189		commdate_dem	DATE9: Date of first ALSWH Dementia comment	
190		xwhprox_dem	NUM: Dementia ALSWH survey proxy statement	0 "No"; 1 "Yes"
191		proxsurvey_dem	NUM: Survey for first ALSWH Dementia proxy statement	
192		proxdate_dem	DATE9: Date of first ALSWH Dementia proxy statement	
193		xwhwdraw_dem	NUM: Dementia ALSWH withdrawal	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
194		datewdraw_dem	DATE9: Date of ALSWH Dementia withdrawal	
195		xpbs_dem	NUM: PBS Dementia medication	0 "No"; 1 "Yes"
196		prescdate_dem	DATE9: Date of first PBS Dementia medication prescription	
197		pbsdate_dem	DATE9: Date of first PBS Dementia medication supply	
198		atcpbs_dem	CHAR100: String of all PBS Dementia medications	ATC codes
199		xhosp_dem	NUM: Dementia Hospital admissions ICD code	0 "No"; 1 "Yes"
200		hospdate_dem	DATE9: Date of first Hospital admissions Dementia ICD code	
201		hospdx_dem	CHAR200: String of all Hospital admissions Dementia ICD codes	ICD codes
202		hospstate_dem	CHAR4: State of first Hospital admissions Dementia ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
203		xhed_dem	NUM: Dementia Hospital emergency ICD code	0 "No"; 1 "Yes"
204		heddate_dem	DATE9: Date of first Hospital emergency Dementia ICD code	
205		heddx_dem	CHAR2000: String of all Hospital emergency Dementia ICD codes	ICD codes
206		hedstate_dem	CHAR4: Date of first Hospital emergency Dementia ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
207		xacap_dem	NUM: ACAP Dementia health conditions	0 "No"; 1 "Yes"
208		acapdate_dem	DATE9: Date of first ACAP Dementia health condition	
209		acapdx_dem	CHAR20: String of all ACAP Dementia health conditions	ACAP health condition codes
210		xacfi_dem	NUM: ACFI Dementia health conditions	0 "No"; 1 "Yes"
211		acfidate_dem	DATE9: Date of first ACFI Dementia health condition	
212		acfidx_dem	CHAR20: String of all ACFI Dementia health conditions	ACAP health condition codes
213		xacev_dem	NUM: Aged Care Dementia event	0 "No"; 1 "Yes"
214		eventdate_dem	DATE9: Date of first Aged Care Dementia event	
215		xachc_dem	NUM: Dementia record in Home Care Packages	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
216		hcpdate_dem	DATE9: Date of first Home Care Packages Dementia record	
217		xacns_dem	NUM: NSAF Dementia health conditions	0 "No"; 1 "Yes"
218		nsafdate_dem	DATE9: Date of first NSAF Dementia health condition	
219		nsafdx_dem	CHAR20: String of all NSAF Dementia health conditions	ACAP health condition codes
220	**Diabetes**	xin_dia	NUM: In all_diabetes dataset	0 "No"; 1 "Yes"
221		firstdate_dia	DATE9: First date Diabetes reported from any source	
222		nsources_dia	NUM: Number of sources reporting Diabetes (max 6)	
223		pattern_dia	CHAR20: pattern of selection sources for Diabetes	Letter from "Code" column
224		xcod_dia	NUM: Diabetes ANY COD	0 "No"; 1 "Yes"
225		ucod_dia	NUM: Diabetes underlying COD	0 "No"; 1 "Yes"
226		ocod_dia	NUM: Diabetes other COD	0 "No"; 1 "Yes"
227		coddx_dia	CHAR60: String of all selection Diabetes COD diagnoses	ICD codes
228		xwhsr_dia	NUM: Diabetes ALSWH survey question	0 "No"; 1 "Yes"
229		srsurvey_dia	NUM: Survey for first ALSWH survey Diabetes question	
230		srdate_dia	DATE9: Date for first ALSWH Diabetes survey question	
231		srqnr_dia	NUM: Question number for first ALSWH survey Diabetes question	
232		xwhtext_dia	NUM: Diabetes ALSWH survey text response	0 "No"; 1 "Yes"
233		textsurvey_dia	NUM: Survey for first ALSWH Diabetes text response	
234		textdate_dia	DATE9: Date of first ALSWH text Diabetes response	
235		textqnr_dia	NUM: Question number for first ALSWH text Diabetes response	
236		xwhmed_dia	NUM: Diabetes ALSWH survey medication	0 "No"; 1 "Yes"
237		medsurvey_dia	NUM: Survey for first ALSWH Diabetes medication	

#	Group	Variable	Details	Codes
238		meddate_dia	DATE9: Date of first ALSWH survey Diabetes medication	
239		atcmed_dia	CHAR100: String of all ALSWH survey Diabetes medications	ATC codes
240		xwhcomm_dia	NUM: Diabetes ALSWH survey comment	0 "No"; 1 "Yes"
241		commsurvey_dia	NUM: Survey for first ALSWH Diabetes comment	
242		commdate_dia	DATE9: Date of first ALSWH Diabetes comment	
243		xwhprox_dia	NUM: Diabetes ALSWH survey proxy statement	0 "No"; 1 "Yes"
244		proxsurvey_dia	NUM: Survey for first ALSWH Diabetes proxy statement	
245		proxdate_dia	DATE9: Date of first ALSWH Diabetes proxy statement	
246		xwhwdraw_dia	NUM: Diabetes ALSWH withdrawal	0 "No"; 1 "Yes"
247		datewdraw_dia	DATE9: Date of ALSWH Diabetes withdrawal	
248		xmbs_dia	NUM: Diabetes MBS procedures	0 "No"; 1 "Yes"
249		mbsdate_dia	DATE9: Date of first MBS Diabetes procedure	
250		mbsstr_dia	CHAR100: String of all MBS codes for Diabetes procedures	MBS item codes
251		xpbs_dia	NUM: PBS Diabetes medication	0 "No"; 1 "Yes"
252		prescdate_dia	DATE9: Date of first PBS Diabetes medication prescription	
253		pbsdate_dia	DATE9: Date of first PBS Diabetes medication supply	
254		atcpbs_dia	CHAR100: String of all PBS Diabetes medications	ATC codes
255		xhosp_dia	NUM: Diabetes Hospital admissions ICD code	0 "No"; 1 "Yes"
256		hospdate_dia	DATE9: Date of first Hospital admissions Diabetes ICD code	
257		hospdx_dia	CHAR200: String of all Hospital admissions Diabetes ICD codes	ICD codes
258		hospstate_dia	CHAR4: State of first Hospital admissions Diabetes ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
259		xhed_dia	NUM: Diabetes Hospital emergency ICD code	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
260		heddate_dia	DATE9: Date of first Hospital emergency Diabetes ICD code	
261		heddx_dia	CHAR2000: String of all Hospital emergency Diabetes ICD codes	ICD codes
262		hedstate_dia	CHAR4: Date of first Hospital emergency Diabetes ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
263		xacap_dia	NUM: ACAP Diabetes health conditions	0 "No"; 1 "Yes"
264		acapdate_dia	DATE9: Date of first ACAP Diabetes health condition	
265		acapdx_dia	CHAR20: String of all ACAP Diabetes health conditions	ACAP health condition codes
266		xacfi_dia	NUM: ACFI Diabetes health conditions	0 "No"; 1 "Yes"
267		acfidate_dia	DATE9: Date of first ACFI Diabetes health condition	
268		acfidx_dia	CHAR20: String of all ACFI Diabetes health conditions	ACAP health condition codes
269		xacns_dia	NUM: NSAF Diabetes health conditions	0 "No"; 1 "Yes"
270		nsafdate_dia	DATE9: Date of first NSAF Diabetes health condition	
271		nsafdx_dia	CHAR20: String of all NSAF Diabetes health conditions	ACAP health condition codes
272	**Eating Disorders**	xin_edi	NUM: In all_eatdisorder dataset	0 "No"; 1 "Yes"
273		firstdate_edi	DATE9: First date Eating Disorder reported from any source	
274		nsources_edi	NUM: Number of sources reporting Eating Disorder (max 4)	
275		pattern_edi	CHAR20: pattern of selection sources for Eating Disorder	Letter from "Code" column
276		xcod_edi	NUM: Eating Disorder ANY COD	0 "No"; 1 "Yes"
277		ucod_edi	NUM: Eating Disorder underlying COD	0 "No"; 1 "Yes"
278		ocod_edi	NUM: Eating Disorder other COD	0 "No"; 1 "Yes"
279		coddx_edi	CHAR60: String of all selection Eating Disorder COD diagnoses	ICD codes
280		xwhsr_edi	NUM: Eating Disorder ALSWH survey question	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
281		srsurvey_edi	NUM: Survey for first ALSWH survey Eating Disorder question	
282		srdate_edi	DATE9: Date for first ALSWH Eating Disorder survey question	
283		srqnr_edi	NUM: Question number for first ALSWH survey Eating Disorder question	
284		xwhtext_edi	NUM: Eating Disorder ALSWH survey text response	0 "No"; 1 "Yes"
285		textsurvey_edi	NUM: Survey for first ALSWH Eating Disorder text response	
286		textdate_edi	DATE9: Date of first ALSWH text Eating Disorder response	
287		textqnr_edi	NUM: Question number for first ALSWH text Eating Disorder response	
288		xwhcomm_edi	NUM: Eating Disorder ALSWH survey comment	0 "No"; 1 "Yes"
289		commsurvey_edi	NUM: Survey for first ALSWH Eating Disorder comment	
290		commdate_edi	DATE9: Date of first ALSWH Eating Disorder comment	
291		xwhprox_edi	NUM: Eating Disorder ALSWH survey proxy statement	0 "No"; 1 "Yes"
292		proxsurvey_edi	NUM: Survey for first ALSWH Eating Disorder proxy statement	
293		proxdate_edi	DATE9: Date of first ALSWH Eating Disorder proxy statement	
294		xwhwdraw_edi	NUM: Eating Disorder ALSWH withdrawal	0 "No"; 1 "Yes"
295		datewdraw_edi	DATE9: Date of ALSWH Eating Disorder withdrawal	
296		xmbs_edi	NUM: Eating Disorder MBS procedures	0 "No"; 1 "Yes"
297		mbsdate_edi	DATE9: Date of first MBS Eating Disorder procedure	
298		mbsstr_edi	CHAR100: String of all MBS codes for Eating Disorder procedures	MBS item codes
299		xhosp_edi	NUM: Eating Disorder Hospital admissions ICD code	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
300		hospdate_edi	DATE9: Date of first Hospital admissions Eating Disorder ICD code	
301		hospdx_edi	CHAR200: String of all Hospital admissions Eating Disorder ICD codes	ICD codes
302		hospstate_edi	CHAR4: State of first Hospital admissions Eating Disorder ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
303		xhed_edi	NUM: Eating Disorder Hospital emergency ICD code	0 "No"; 1 "Yes"
304		heddate_edi	DATE9: Date of first Hospital emergency Eating Disorder ICD code	
305		heddx_edi	CHAR2000: String of all Hospital emergency Eating Disorder ICD codes	ICD codes
306		hedstate_edi	CHAR4: Date of first Hospital emergency Eating Disorder ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
307	**Fibroids**	xin_fib	NUM: In all_fibroids dataset	0 "No"; 1 "Yes"
308		firstdate_fib	DATE9: First date Fibroids reported from any source	
309		nsources_fib	NUM: Number of sources reporting Fibroids (max 4)	
310		pattern_fib	CHAR20: pattern of selection sources for Fibroids	Letter from "Code" column
311		xcod_fib	NUM: Fibroids ANY COD	0 "No"; 1 "Yes"
312		ucod_fib	NUM: Fibroids underlying COD	0 "No"; 1 "Yes"
313		ocod_fib	NUM: Fibroids other COD	0 "No"; 1 "Yes"
314		coddx_fib	CHAR60: String of all selection Fibroids COD diagnoses	ICD codes
315		xwhsr_fib	NUM: Fibroids ALSWH survey question	0 "No"; 1 "Yes"
316		srsurvey_fib	NUM: Survey for first ALSWH survey Fibroids question	
317		srdate_fib	DATE9: Date for first ALSWH Fibroids survey question	
318		srqnr_fib	NUM: Question number for first ALSWH survey Fibroids question	
319		xwhtext_fib	NUM: Fibroids ALSWH survey text response	0 "No"; 1 "Yes"
320		textsurvey_fib	NUM: Survey for first ALSWH Fibroids text response	

#	Group	Variable	Details	Codes
321		textdate_fib	DATE9: Date of first ALSWH text Fibroids response	
322		textqnr_fib	NUM: Question number for first ALSWH text Fibroids response	
323		xwhmed_fib	NUM: Fibroids ALSWH survey medication	0 "No"; 1 "Yes"
324		medsurvey_fib	NUM: Survey for first ALSWH Fibroids medication	
325		meddate_fib	DATE9: Date of first ALSWH survey Fibroids medication	
326		atcmed_fib	CHAR100: String of all ALSWH survey Fibroids medications	ATC codes
327		xwhcomm_fib	NUM: Fibroids ALSWH survey comment	0 "No"; 1 "Yes"
328		commsurvey_fib	NUM: Survey for first ALSWH Fibroids comment	
329		commdate_fib	DATE9: Date of first ALSWH Fibroids comment	
330		xwhprox_fib	NUM: Fibroids ALSWH survey proxy statement	0 "No"; 1 "Yes"
331		proxsurvey_fib	NUM: Survey for first ALSWH Fibroids proxy statement	
332		proxdate_fib	DATE9: Date of first ALSWH Fibroids proxy statement	
333		xwhwdraw_fib	NUM: Fibroids ALSWH withdrawal	0 "No"; 1 "Yes"
334		datewdraw_fib	DATE9: Date of ALSWH Fibroids withdrawal	
335		xmbs_fib	NUM: Fibroids MBS procedures	0 "No"; 1 "Yes"
336		mbsdate_fib	DATE9: Date of first MBS Fibroids procedure	
337		mbsstr_fib	CHAR100: String of all MBS codes for Fibroids procedures	MBS item codes
338		xpbs_fib	NUM: PBS Fibroids medication	0 "No"; 1 "Yes"
339		prescdate_fib	DATE9: Date of first PBS Fibroids medication prescription	
340		pbsdate_fib	DATE9: Date of first PBS Fibroids medication supply	
341		atcpbs_fib	CHAR100: String of all PBS Fibroids medications	ATC codes
342		xhosp_fib	NUM: Fibroids Hospital admissions ICD code	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
343		hospdate_fib	DATE9: Date of first Hospital admissions Fibroids ICD code	
344		hospdx_fib	CHAR200: String of all Hospital admissions Fibroids ICD codes	ICD codes
345		hospstate_fib	CHAR4: State of first Hospital admissions Fibroids ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
346		xhed_fib	NUM: Fibroids Hospital emergency ICD code	0 "No"; 1 "Yes"
347		heddate_fib	DATE9: Date of first Hospital emergency Fibroids ICD code	
348		heddx_fib	CHAR2000: String of all Hospital emergency Fibroids ICD codes	ICD codes
349		hedstate_fib	CHAR4: Date of first Hospital emergency Fibroids ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
350	Hypertension	xin_hyp	NUM: In all_hypertension dataset	0 "No"; 1 "Yes"
351		firstdate_hyp	DATE9: First date Hypertension reported from any source	
352		nsources_hyp	NUM: Number of sources reporting Hypertension (max 5)	
353		pattern_hyp	CHAR20: pattern of selection sources for Hypertension	Letter from "Code" column
354		xcod_hyp	NUM: Hypertension ANY COD	0 "No"; 1 "Yes"
355		ucod_hyp	NUM: Hypertension underlying COD	0 "No"; 1 "Yes"
356		ocod_hyp	NUM: Hypertension other COD	0 "No"; 1 "Yes"
357		coddx_hyp	CHAR60: String of all selection Hypertension COD diagnoses	ICD codes
358		xwhsr_hyp	NUM: Hypertension ALSWH survey question	0 "No"; 1 "Yes"
359		srsurvey_hyp	NUM: Survey for first ALSWH survey Hypertension question	
360		srdate_hyp	DATE9: Date for first ALSWH Hypertension survey question	
361		srqnr_hyp	NUM: Question number for first ALSWH survey Hypertension question	

#	Group	Variable	Details	Codes
362		xwhtext_hyp	NUM: Hypertension ALSWH survey text response	0 "No"; 1 "Yes"
363		textsurvey_hyp	NUM: Survey for first ALSWH Hypertension text response	
364		textdate_hyp	DATE9: Date of first ALSWH text Hypertension response	
365		textqnr_hyp	NUM: Question number for first ALSWH text Hypertension response	
366		xwhmed_hyp	NUM: Hypertension ALSWH survey medication	0 "No"; 1 "Yes"
367		medsurvey_hyp	NUM: Survey for first ALSWH Hypertension medication	
368		meddate_hyp	DATE9: Date of first ALSWH survey Hypertension medication	
369		atcmed_hyp	CHAR100: String of all ALSWH survey Hypertension medications	ATC codes
370		xwhcomm_hyp	NUM: Hypertension ALSWH survey comment	0 "No"; 1 "Yes"
371		commsurvey_hyp	NUM: Survey for first ALSWH Hypertension comment	
372		commdate_hyp	DATE9: Date of first ALSWH Hypertension comment	
373		xwhprox_hyp	NUM: Hypertension ALSWH survey proxy statement	0 "No"; 1 "Yes"
374		proxsurvey_hyp	NUM: Survey for first ALSWH Hypertension proxy statement	
375		proxdate_hyp	DATE9: Date of first ALSWH Hypertension proxy statement	
376		xwhwdraw_hyp	NUM: Hypertension ALSWH withdrawal	0 "No"; 1 "Yes"
377		datewdraw_hyp	DATE9: Date of ALSWH Hypertension withdrawal	
378		xpbs_hyp	NUM: PBS Hypertension medication	0 "No"; 1 "Yes"
379		prescdate_hyp	DATE9: Date of first PBS Hypertension medication prescription	
380		pbsdate_hyp	DATE9: Date of first PBS Hypertension medication supply	

#	Group	Variable	Details	Codes
381		atcpbs_hyp	CHAR100: String of all PBS Hypertension medications	ATC codes
382		xhosp_hyp	NUM: Hypertension Hospital admissions ICD code	0 "No"; 1 "Yes"
383		hospdate_hyp	DATE9: Date of first Hospital admissions Hypertension ICD code	
384		hospdx_hyp	CHAR200: String of all Hospital admissions Hypertension ICD codes	ICD codes
385		hospstate_hyp	CHAR4: State of first Hospital admissions Hypertension ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
386		xhed_hyp	NUM: Hypertension Hospital emergency ICD code	0 "No"; 1 "Yes"
387		heddate_hyp	DATE9: Date of first Hospital emergency Hypertension ICD code	
388		heddx_hyp	CHAR2000: String of all Hospital emergency Hypertension ICD codes	ICD codes
389		hedstate_hyp	CHAR4: Date of first Hospital emergency Hypertension ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
390		xacap_hyp	NUM: ACAP Hypertension health conditions	0 "No"; 1 "Yes"
391		acapdate_hyp	DATE9: Date of first ACAP Hypertension health condition	
392		acapdx_hyp	CHAR20: String of all ACAP Hypertension health conditions	ACAP health condition codes
393		xacfi_hyp	NUM: ACFI Hypertension health conditions	0 "No"; 1 "Yes"
394		acfidate_hyp	DATE9: Date of first ACFI Hypertension health condition	
395		acfidx_hyp	CHAR20: String of all ACFI Hypertension health conditions	ACAP health condition codes
396		xacns_hyp	NUM: NSAF Hypertension health conditions	0 "No"; 1 "Yes"
397		nsafdate_hyp	DATE9: Date of first NSAF Hypertension health condition	
398		nsafdx_hyp	CHAR20: String of all NSAF Hypertension health conditions	ACAP health condition codes
399	Ischaemic Heart Disease	xin_ihd	NUM: In all_ischeartdis dataset	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
400		firstdate_ihd	DATE9: First date Ischaemic Heart Disease reported from any source	
401		nsources_ihd	NUM: Number of sources reporting Ischaemic Heart Disease (max 6)	
402		pattern_ihd	CHAR20: pattern of selection sources for Ischaemic Heart Disease	Letter from "Code" column
403		xcod_ihd	NUM: Ischaemic Heart Disease ANY COD	0 "No"; 1 "Yes"
404		ucod_ihd	NUM: Ischaemic Heart Disease underlying COD	0 "No"; 1 "Yes"
405		ocod_ihd	NUM: Ischaemic Heart Disease other COD	0 "No"; 1 "Yes"
406		coddx_ihd	CHAR60: String of all selection Ischaemic Heart Disease COD diagnoses	ICD codes
407		xwhsr_ihd	NUM: Ischaemic Heart Disease ALSWH survey question	0 "No"; 1 "Yes"
408		srsurvey_ihd	NUM: Survey for first ALSWH survey Ischaemic Heart Disease question	
409		srdate_ihd	DATE9: Date for first ALSWH Ischaemic Heart Disease survey question	
410		srqnr_ihd	NUM: Question number for first ALSWH survey Ischaemic Heart Disease question	
411		xwhtext_ihd	NUM: Ischaemic Heart Disease ALSWH survey text response	0 "No"; 1 "Yes"
412		textsurvey_ihd	NUM: Survey for first ALSWH Ischaemic Heart Disease text response	
413		textdate_ihd	DATE9: Date of first ALSWH text Ischaemic Heart Disease response	
414		textqnr_ihd	NUM: Question number for first ALSWH text Ischaemic Heart Disease response	
415		xwhmed_ihd	NUM: Ischaemic Heart Disease ALSWH survey medication	0 "No"; 1 "Yes"
416		medsurvey_ihd	NUM: Survey for first ALSWH Ischaemic Heart Disease medication	
417		meddate_ihd	DATE9: Date of first ALSWH survey Ischaemic Heart Disease medication	

#	Group	Variable	Details	Codes
418		atcmed_ihd	CHAR100: String of all ALSWH survey Ischaemic Heart Disease medications	ATC codes
419		xwhcomm_ihd	NUM: Ischaemic Heart Disease ALSWH survey comment	0 "No"; 1 "Yes"
420		commsurvey_ihd	NUM: Survey for first ALSWH Ischaemic Heart Disease comment	
421		commdate_ihd	DATE9: Date of first ALSWH Ischaemic Heart Disease comment	
422		xwhprox_ihd	NUM: Ischaemic Heart Disease ALSWH survey proxy statement	0 "No"; 1 "Yes"
423		proxsurvey_ihd	NUM: Survey for first ALSWH Ischaemic Heart Disease proxy statement	
424		proxdate_ihd	DATE9: Date of first ALSWH Ischaemic Heart Disease proxy statement	
425		xwhwdraw_ihd	NUM: Ischaemic Heart Disease ALSWH withdrawal	0 "No"; 1 "Yes"
426		datewdraw_ihd	DATE9: Date of ALSWH Ischaemic Heart Disease withdrawal	
427		xmbs_ihd	NUM: Ischaemic Heart Disease MBS procedures	0 "No"; 1 "Yes"
428		mbsdate_ihd	DATE9: Date of first MBS Ischaemic Heart Disease procedure	
429		mbsstr_ihd	CHAR100: String of all MBS codes for Ischaemic Heart Disease procedures	MBS item codes
430		xpbs_ihd	NUM: PBS Ischaemic Heart Disease medication	0 "No"; 1 "Yes"
431		prescdate_ihd	DATE9: Date of first PBS Ischaemic Heart Disease medication prescription	
432		pbsdate_ihd	DATE9: Date of first PBS Ischaemic Heart Disease medication supply	
433		atcpbs_ihd	CHAR100: String of all PBS Ischaemic Heart Disease medications	ATC codes
434		xhosp_ihd	NUM: Ischaemic Heart Disease Hospital admissions ICD code	0 "No"; 1 "Yes"
435		hospdate_ihd	DATE9: Date of first Hospital admissions Ischaemic Heart Disease ICD code	

#	Group	Variable	Details	Codes
436		hospdx_ihd	CHAR200: String of all Hospital admissions Ischaemic Heart Disease ICD codes	ICD codes
437		hospstate_ihd	CHAR4: State of first Hospital admissions Ischaemic Heart Disease ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
438		xhed_ihd	NUM: Ischaemic Heart Disease Hospital emergency ICD code	0 "No"; 1 "Yes"
439		heddate_ihd	DATE9: Date of first Hospital emergency Ischaemic Heart Disease ICD code	
440		heddx_ihd	CHAR2000: String of all Hospital emergency Ischaemic Heart Disease ICD codes	ICD codes
441		hedstate_ihd	CHAR4: Date of first Hospital emergency Ischaemic Heart Disease ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
442		xacap_ihd	NUM: ACAP Ischaemic Heart Disease health conditions	0 "No"; 1 "Yes"
443		acapdate_ihd	DATE9: Date of first ACAP Ischaemic Heart Disease health condition	
444		acapdx_ihd	CHAR20: String of all ACAP Ischaemic Heart Disease health conditions	ACAP health condition codes
445		xacfi_ihd	NUM: ACFI Ischaemic Heart Disease health conditions	0 "No"; 1 "Yes"
446		acfidate_ihd	DATE9: Date of first ACFI Ischaemic Heart Disease health condition	
447		acfidx_ihd	CHAR20: String of all ACFI Ischaemic Heart Disease health conditions	ACAP health condition codes
448		xacns_ihd	NUM: NSAF Ischaemic Heart Disease health conditions	0 "No"; 1 "Yes"
449		nsafdate_ihd	DATE9: Date of first NSAF Ischaemic Heart Disease health condition	
450		nsafdx_ihd	CHAR20: String of all NSAF Ischaemic Heart Disease health conditions	ACAP health condition codes

#	Group	Variable	Details	Codes
451	Mental Health Conditions: Depression, Anxiety	xin_mnt	NUM: In all_mhdepnanx dataset	0 "No"; 1 "Yes"
452		firstdate_mnt	DATE9: First date Mental Health Conditions reported from any source	
453		nsources_mnt	NUM: Number of sources reporting Mental Health Conditions (max 5)	
454		pattern_mnt	CHAR20: pattern of selection sources for Mental Health Conditions	Letter from "Code" column
455		xcod_mnt	NUM: Mental Health Conditions ANY COD	0 "No"; 1 "Yes"
456		ucod_mnt	NUM: Mental Health Conditions underlying COD	0 "No"; 1 "Yes"
457		ocod_mnt	NUM: Mental Health Conditions other COD	0 "No"; 1 "Yes"
458		coddx_mnt	CHAR60: String of all selection Mental Health Conditions COD diagnoses	ICD codes
459		xwhsr_mnt	NUM: Mental Health Conditions ALSWH survey question	0 "No"; 1 "Yes"
460		srsurvey_mnt	NUM: Survey for first ALSWH survey Mental Health Conditions question	
461		srdate_mnt	DATE9: Date for first ALSWH Mental Health Conditions survey question	
462		srqnr_mnt	NUM: Question number for first ALSWH survey Mental Health Conditions question	
463		srscale_mnt	CHAR500: String of all ALSWH survey scales beyond cutoffs	
464		depndx_mnt	NUM: Diagnosed depression on ALSWH survey question	0 "No"; 1 "Yes"
465		depsurvey_mnt	NUM: Survey for first ALSWH survey diagnosed depression question	
466		depdate_mnt	DATE9: Date for first ALSWH diagnosed depression survey question	
467		depqnr_mnt	NUM: Question number for first ALSWH survey diagnosed depression question	
468		anxdx_mnt	NUM: Diagnosed anxiety on ALSWH survey question	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
469		anxsurvey_mnt	NUM: Survey for first ALSWH survey diagnosed anxiety question	
470		anxdate_mnt	DATE9: Date for first ALSWH diagnosed anxiety survey question	
471		anxqnr_mnt	NUM: Question number for first ALSWH survey diagnosed anxiety question	
472		xwhtext_mnt	NUM: Mental Health Conditions ALSWH survey text response	0 "No"; 1 "Yes"
473		textsurvey_mnt	NUM: Survey for first ALSWH Mental Health Conditions text response	
474		textdate_mnt	DATE9: Date of first ALSWH text Mental Health Conditions response	
475		textqnr_mnt	NUM: Question number for first ALSWH text Mental Health Conditions response	
476		xwhmed_mnt	NUM: Mental Health Conditions ALSWH survey medication	0 "No"; 1 "Yes"
477		medsurvey_mnt	NUM: Survey for first ALSWH Mental Health Conditions medication	
478		meddate_mnt	DATE9: Date of first ALSWH survey Mental Health Conditions medication	
479		atcmed_mnt	CHAR100: String of all ALSWH survey Mental Health Conditions medications	ATC codes
480		xwhcomm_mnt	NUM: Mental Health Conditions ALSWH survey comment	0 "No"; 1 "Yes"
481		commsurvey_mnt	NUM: Survey for first ALSWH Mental Health Conditions comment	
482		commdate_mnt	DATE9: Date of first ALSWH Mental Health Conditions comment	
483		xwhprox_mnt	NUM: Mental Health Conditions ALSWH survey proxy statement	0 "No"; 1 "Yes"
484		proxsurvey_mnt	NUM: Survey for first ALSWH Mental Health Conditions proxy statement	
485		proxdate_mnt	DATE9: Date of first ALSWH Mental Health Conditions proxy statement	

#	Group	Variable	Details	Codes
486		xwhwdraw_mnt	NUM: Mental Health Conditions ALSWH withdrawal	0 "No"; 1 "Yes"
487		datewdraw_mnt	DATE9: Date of ALSWH Mental Health Conditions withdrawal	
488		xpbs_mnt	NUM: PBS Mental Health Conditions medication	0 "No"; 1 "Yes"
489		prescdate_mnt	DATE9: Date of first PBS Mental Health Conditions medication prescription	
490		pbsdate_mnt	DATE9: Date of first PBS Mental Health Conditions medication supply	
491		atcpbs_mnt	CHAR100: String of all PBS Mental Health Conditions medications	ATC codes
492		xhosp_mnt	NUM: Mental Health Conditions Hospital admissions ICD code	0 "No"; 1 "Yes"
493		hospdate_mnt	DATE9: Date of first Hospital admissions Mental Health Conditions ICD code	
494		hospdx_mnt	CHAR200: String of all Hospital admissions Mental Health Conditions ICD codes	ICD codes
495		hospstate_mnt	CHAR4: State of first Hospital admissions Mental Health Conditions ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
496		xhed_mnt	NUM: Mental Health Conditions Hospital emergency ICD code	0 "No"; 1 "Yes"
497		heddate_mnt	DATE9: Date of first Hospital emergency Mental Health Conditions ICD code	
498		heddx_mnt	CHAR2000: String of all Hospital emergency Mental Health Conditions ICD codes	ICD codes
499		hedstate_mnt	CHAR4: Date of first Hospital emergency Mental Health Conditions ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
500		xacap_mnt	NUM: ACAP Mental Health Conditions health conditions	0 "No"; 1 "Yes"
501		acapdate_mnt	DATE9: Date of first ACAP Mental Health Conditions health condition	

#	Group	Variable	Details	Codes
502		acapdx_mnt	CHAR20: String of all ACAP Mental Health Conditions health conditions	ACAP health condition codes
503		xacfi_mnt	NUM: ACFI Mental Health Conditions health conditions	0 "No"; 1 "Yes"
504		acfidate_mnt	DATE9: Date of first ACFI Mental Health Conditions health condition	
505		acfidx_mnt	CHAR20: String of all ACFI Mental Health Conditions health conditions	ACAP health condition codes
506		xacns_mnt	NUM: NSAF Mental Health Conditions health conditions	0 "No"; 1 "Yes"
507		nsafdate_mnt	DATE9: Date of first NSAF Mental Health Conditions health condition	
508		nsafdx_mnt	CHAR20: String of all NSAF Mental Health Conditions health conditions	ACAP health condition codes
509	**Stroke**	xin_str	NUM: In all_stroke dataset	0 "No"; 1 "Yes"
510		firstdate_str	DATE9: First date Stroke reported from any source	
511		nsources_str	NUM: Number of sources reporting Stroke (max 4)	
512		pattern_str	CHAR20: pattern of selection sources for Stroke	Letter from "Code" column
513		xcod_str	NUM: Stroke ANY COD	0 "No"; 1 "Yes"
514		ucod_str	NUM: Stroke underlying COD	0 "No"; 1 "Yes"
515		ocod_str	NUM: Stroke other COD	0 "No"; 1 "Yes"
516		coddx_str	CHAR60: String of all selection Stroke COD diagnoses	ICD codes
517		xwhsr_str	NUM: Stroke ALSWH survey question	0 "No"; 1 "Yes"
518		srsurvey_str	NUM: Survey for first ALSWH survey Stroke question	
519		srdate_str	DATE9: Date for first ALSWH Stroke survey question	
520		srqnr_str	NUM: Question number for first ALSWH survey Stroke question	
521		xwhtext_str	NUM: Stroke ALSWH survey text response	0 "No"; 1 "Yes"

#	Group	Variable	Details	Codes
522		textsurvey_str	NUM: Survey for first ALSWH Stroke text response	
523		textdate_str	DATE9: Date of first ALSWH text Stroke response	
524		textqnr_str	NUM: Question number for first ALSWH text Stroke response	
525		xwhcomm_str	NUM: Stroke ALSWH survey comment	0 "No"; 1 "Yes"
526		commsurvey_str	NUM: Survey for first ALSWH Stroke comment	
527		commdate_str	DATE9: Date of first ALSWH Stroke comment	
528		xwhprox_str	NUM: Stroke ALSWH survey proxy statement	0 "No"; 1 "Yes"
529		proxsurvey_str	NUM: Survey for first ALSWH Stroke proxy statement	
530		proxdate_str	DATE9: Date of first ALSWH Stroke proxy statement	
531		xwhwdraw_str	NUM: Stroke ALSWH withdrawal	0 "No"; 1 "Yes"
532		datewdraw_str	DATE9: Date of ALSWH Stroke withdrawal	
533		xhosp_str	NUM: Stroke Hospital admissions ICD code	0 "No"; 1 "Yes"
534		hospdate_str	DATE9: Date of first Hospital admissions Stroke ICD code	
535		hospdx_str	CHAR200: String of all Hospital admissions Stroke ICD codes	ICD codes
536		hospstate_str	CHAR4: State of first Hospital admissions Stroke ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
537		xhed_str	NUM: Stroke Hospital emergency ICD code	0 "No"; 1 "Yes"
538		heddate_str	DATE9: Date of first Hospital emergency Stroke ICD code	
539		heddx_str	CHAR2000: String of all Hospital emergency Stroke ICD codes	ICD codes
540		hedstate_str	CHAR4: Date of first Hospital emergency Stroke ICD code	"ACT"; "NSW"; "NT"; "QLD"; "SA"; "TAS"; "VIC"; "WA"
541		xacap_str	NUM: ACAP Stroke health conditions	0 "No"; 1 "Yes"
542		acapdate_str	DATE9: Date of first ACAP Stroke health condition	

#	Group	Variable	Details	Codes
543		acapdx_str	CHAR20: String of all ACAP Stroke health conditions	ACAP health condition codes
544		xacfi_str	NUM: ACFI Stroke health conditions	0 "No"; 1 "Yes"
545		acfidate_str	DATE9: Date of first ACFI Stroke health condition	
546		acfidx_str	CHAR20: String of all ACFI Stroke health conditions	ACAP health condition codes
547		xacns_str	NUM: NSAF Stroke health conditions	0 "No"; 1 "Yes"
548		nsafdate_str	DATE9: Date of first NSAF Stroke health condition	
549		nsafdx_str	CHAR20: String of all NSAF Stroke health conditions	ACAP health condition codes