



The University of Sydney
at Westmead Hospital

Australian General Practice Statistics and Classification Centre
Family Medicine Research Centre



BEACH

BETTERING THE EVALUATION AND CARE OF HEALTH

Females aged 15-24 (12 month data)
April 2000 – March 2001

December 2009

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Explanatory notes for Group Report

Background

This report represents a summary of the data collected from April 2000 until March 2001 inclusive. It provides information on the problems managed by GPs for females aged between 15 and 24 years. Each year, BEACH collects data from around 1,000 GPs, who each record details about 100 consecutive consultations, thus providing an annual database of approximately 100,000 records.

The participating GPs are randomly selected from the HIC list of active GPs (those who provided more than 375 GP services in the previous quarter). The research instrument used for each consultation is a single page recording form. An example of the recording forms can be found in Appendix 1 of the BEACH annual report, General practice activity in Australia 2006-07 <<http://www.aihw.gov.au/publications/gep/gpaa06-07/gpaa06-07-x03a.pdf>>. The recording form contains the following variables:

- Date of encounter
- Medicare Benefits Schedule (MBS) item number (up to three)/form of payment/indirect encounters (e.g. telephone consults)
- Patient age and sex
- Patient status to practice (new or seen before)
- Health care card status of patient
- Patient post code and ethnic background
- Patient's reasons for encounter (up to three per encounter)
- Diagnoses/problems managed (up to four)
- Status of each problem to the patient (new/old)
- Whether problems are work related
- Medications prescribed (up to four per problem)
- Over the counter medications recommended
- Medications provided by the GP
- Name, strength and regimen of medication
- Number of repeats for medication
- Medication status - new or continued
- Other treatments (up to two per problem)
- Pathology tests ordered (up to five)
- Imaging ordered (up to two)
- Referrals and hospital admissions (up to two).

Statistical Analysis

The confidence interval (CI) is calculated as the rate estimate \pm (1.96 x standard error). The CI is interpreted as “we are 95% confident that the true population value lies between the lower and upper value”. Please note that in some cases, if there were less than three observations (n) in the row, no 95% CIs are provided as data were insufficient to calculate a meaningful estimate. The analysis used procedures in SAS v9.1 that calculate standard errors which adjust for the cluster survey design¹. Keep in mind when reading the report, where BEACH data are reported in a standard set of categories (e.g. types of Medicare claimable encounters), a missing category means there were no occurrences of the event (e.g. home visits missing indicates no home visits were done for this condition/group of conditions). Also, where the most common 30 or 60 cases are listed (e.g. most frequent reasons for encounter, table 3.3), only the 30 or 60 with the highest frequency of occurrence have been printed. While there may have been other cases with a lower frequency of occurrence, the list has been cut off at 30 or 60.

SECTION 1: SUMMARY OF DATABASE & GENERAL PRACTITIONERS

TABLE 1a.1: Summary of data base: services – Females aged 15-24: Apr00-Mar01

A frequency count, rate per 100 encounters (%), and 95% CI are provided for each data point.

Definitions of the categories are as follows:

Encounter (enc): Any professional interchange between a patient and a GP.

Direct encounters: Encounters where there is a face-to-face meeting of the patient and the GP.

No charge: Encounters where no fee (Medicare bulk billing or other) is received for the service provided.

MBS items by GPs: Encounters claimable through the MBS. The following groups are claimable through the relevant MBS item numbers.

Short surgery consults: (Level A) A short encounter which requires limited examination and management.

Standard surgery consults: (Level B) An encounter of less than 20 minutes duration, which requires an examination of the patient and an implementation of a management plan in relation to at least one of the problems.

Long surgery consults: (Level C) An encounter with duration between 20 and 40 minutes, which involves taking a detailed history and implementing a management plan for at least one of the problems.

Prolonged surgery consults: (Level D) An encounter with a duration of more than 40 minutes, which involves taking an exhaustive history, a comprehensive examination, the arrangement of necessary investigations and implementing a management plan for at least one of the problems.

Home visits: Encounters that take place in the patient's home and a MBS home visit item number(s) are recorded.

¹ SAS Institute. SAS/STAT® User's guide, Version 9.1. Cary, NC: SAS Institute Inc, 2003.

Hospital: Encounters that take place with a patient in a hospital setting, and a MBS hospital item number(s) are recorded.

Residential aged care facility: Encounters that take place in a residential aged care facility (RACF) and an MBS RACF item number is recorded.

Case conferences: Encounters that are covered by a MBS item number for a case conference.

Chronic disease management: Encounters that are covered by a MBS chronic disease management item number(s).

GP mental health care: Encounters that are covered by a MBS GP mental health care plan item number(s).

Health assessments: Encounters that are covered by a MBS item number for a health assessment.

Incentive payments: Encounters where MBS incentive payment items are recorded.

Other items: Medicare item numbers that do not identify the place of encounter and are not covered by any of the above item numbers.

Worker's compensation: Encounters claimable through Worker's Compensation.

Other paid (hospital, state etc): All other direct services covered by other funding services e.g. insurance, employer, state health dept, hospitals, etc.

Direct encounters with practice nurse item only: Encounters where a practice nurse item number was the only item number recorded though the patient was said to have been seen by the GP.

Indirect encounters: Encounters where there is no face-to-face meeting between the patient and the GP but a service is provided (e.g. prescription, referral).

Indirect encounters with practice nurse item only: Encounters where a practice nurse item number was the only item number recorded, and the patient was said *not* to have been seen by the GP.

Unspecified practice nurse item only: Encounters where a practice nurse item number was the only item number recorded, and it is unknown whether the patient was/wasn't seen by the GP.

TABLE 1a 2: Summary of data base: services – Females aged 15-24: Apr00-Mar01

This table will only be valid if **all** of your data are from the period April 2005 onwards. If your data are based on years that cross April 2005, this table is not valid. This is because, prior to April 2005 only one item number could be recorded. From April 2005 onwards, up to three Medicare item numbers could be recorded on an encounter form. The denominator for the column titled "per 100 encs" is all encounters (from table 1a). This table is useful when allocating direct costs against management of a selected problem.

TABLE 1b: Summary of data base: patients – Females aged 15-24: Apr00-Mar01

Number of observations (n), % of total patients, and 95% confidence intervals (CI) are provided for each data point.

This table describes the characteristics of the patients whose encounters are included in this report.

Sex and age distributions are provided. The age groupings correspond with significant trends in GP service use.

HCC card: Encounters with patients who hold an Australian Government health care card (HCC).

VA card: Encounters with Veteran's Affairs card holders (not necessarily charged through VA).

NESB: Encounters with patients whose primary language spoken at home is not English (non-English speaking background).

Aboriginal only: Patients who identify themselves as being Aboriginal and not Torres Strait Islander.

Torres Strait Islander only: Patients who identify themselves as being Torres Strait Islander and not Aboriginal.

Aboriginal & Torres Strait Islander: Patients who identify themselves as being both an Aboriginal and a Torres Strait Islander.

Aboriginal and/or TSI: Patients who are Aboriginal or Torres Strait Islanders, or both.

New to practice: Patients who had not been seen previously in this practice.

Seen previously: Patients who had been seen previously in this practice.

State/territory: The patients' state/territory is provided, based on the postcode reported by the patient.

RRMA (Rural, Remote & Metropolitan Areas classification) classifies the patients' locations to one of 7 categories <www.ruraldoc.com.au>.

ASGC (Australian Standard Geographical Classification) classifies the patients' locations to one of 5 categories <www.abs.gov.au>.

TABLE 1c: Summary of data base: specific to Patients aged <15 – Jan05-Dec06: Problem management

Number of observations (n), rate per 100 encs, rate per 100 probs, and 95% confidence intervals (CI) are provided for each data point.

Problem managed: A formal statement of the providers' understanding of a health problem presented by the patient, family or community. It can be described in terms of a disease, symptom/complaint, social problem or ill-defined condition managed at the encounter (up to four per encounter).

New problem: The first presentation of a problem, including the first presentation of a recurrence of a previously resolved problem but excluding the presentation of a problem first assessed by another provider.

Old problem: A previously assessed problem that requires ongoing care. Includes follow-up for a problem or an initial presentation of a problem previously assessed by another provider.

Chronic problem: A medical condition characterised by a combination of the following characteristics: duration that has lasted or is expected to last 6 months or more, a pattern of recurrence or deterioration, a poor prognosis, and consequences that impact on an individual's quality of life.

Work related: A problem that is viewed as having resulted or been significantly exacerbated from a work-related activity or workplace exposures.

At least 1:

Chronic problem—encounters for which at least one chronic problem was managed.

Medication—encounters for which at least one medication was recommended.

Other treatment—encounters for which at least one treatment other than medication was given.

Referral—encounters that the GP referred to at least one other health professional.

Imaging order—encounters for which at least one imaging test was ordered.

Pathology order—encounters for which at least one pathology test was ordered.

Medications: include any medications that are prescribed, advised for over-the-counter (OTC) purchase or provided from the GP's own supplies (GP supplied). Up to four medications can be recorded for each problem.

Other treatments (up to two per problem) include non-pharmacological treatments and are divided into:-

Clinical (e.g. advice, counselling)

Procedural (e.g. bandage, physical therapies, excisions).

Referrals (up to two per encounter) is any *new* referral or admission of the patient to:

Allied health services (e.g. physiotherapist, social worker, community services).

Specialist (e.g. surgeon, psychiatrist).

Emergency department of a hospital.

Hospital (either private or public).

Referral NOS are referrals that are not otherwise specified (i.e. they cannot be grouped in any of the above).

Pathology: Includes pathology tests ordered or undertaken in the management of the problem(s) presented by the patient (Up to five per encounter).

Imaging: Includes imaging tests ordered or undertaken in the management of the problem(s) presented by the patient (Up to two per encounter).

Other investigations include diagnostic procedures ordered or undertaken by the GP at the encounter e.g. “electrical tracings*”, which includes electrocardiogram and echocardiogram.

TABLE 1d: General practitioners – Table of age by sex – Females aged 15-24: Apr00-Mar01

This table displays the distribution of male and female GPs that have been included in this analysis, by their age group. These data were collected from the GP Profile Questionnaire which is completed by all GPs participating in the BEACH project (see Appendix 2 in BEACH annual report, General practice activity in Australia 2006-07, <<http://www.aihw.gov.au/publications/gep/gpaa06-07/gpaa06-07-x03a.pdf>>).

TABLE 1e: Summary of database: GP characteristics – Females aged 15-24: Apr00-Mar01

This table displays the characteristics of the GPs that have been included in this analysis. These data were also collected from the GP Profile Questionnaire. Definitions of the categories are as follows:

Years in general practice: The number of years the GP has been in general practice.

Sessions: The number of consulting sessions per week for each GP (1 session = approx. 4 hours e.g. a morning session).

Size of practice: The number of GPs in the participating GPs main practice (including the participating GP).

Practice state: The state which the GPs main practice is in.

RRMA of main practice (Rural, Remote & Metropolitan Area Classification) classifies the location of the practice to one of 7 categories <www.ruraldoc.com.au>.

ASGC of main practice (Australian Standard Geographical Classification) classifies the location of the practice to one of 5 categories <www.abs.gov.au>.

Country of Graduation: The GPs reported country of graduation.

>50% consults NESB: (non-English speaking background) the GPs assessment of the proportion of their consultations conducted in a language other than English.

Hold FRACGP is whether the participating GP is a Fellow of the Royal Australian College of General Practitioners.

Practice accredited is whether the practice is accredited.

SECTION 2: REASONS FOR ENCOUNTER

TABLE 2.1: Reasons for encounters (RFEs) – ICPC Chapter – Females aged 15-24: Apr00-Mar01

Reasons for encounter (RFE) reflect the patients' expressed demand for care as perceived and recorded by the GP. Up to three RFEs can be recorded at each encounter. A RFE is not directly linked to a problem managed. This table gives the number of RFEs recorded for encounters where the patient was females aged between 15 and 24 years. RFEs have been grouped using ICPC-2 PLUS chapter headings which correspond approximately to the main body systems with additional chapters for social and psychological problems. Problems which cross multiple body systems are grouped together as "General & unspecified".

TABLE 2.2: Top 60 reasons for encounters (RFEs) – Females aged 15-24: Apr00-Mar01

This table shows the 60 most common RFEs recorded at the encounters where the patient was aged between 15 and 24 years. The RFE label is the individual ICPC rubric label unless denoted by *, which indicates a grouping of multiple ICPC rubrics under the same RFE (concept) label. Number of observations (n), % of total RFEs, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

SECTION 3: PROBLEMS MANAGED

TABLE 3.1: Problems managed – ICPC Chapter – Females aged 15-24: Apr00-Mar01

This table shows the problems managed, grouped by ICPC-2 PLUS chapter headings. The headings correspond approximately to the main body systems (with additional chapters for social and psychological problems). Number of observations (n), % of total problems managed, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

TABLE 3.2: Top 60 problems managed – Females aged 15-24: Apr00-Mar01

This table lists the 60 most common diagnoses, diseases, ill-defined conditions and complaints, associated with females aged between 15 and 24, managed by the GP at the selected encounters. The problems are listed here by the individual ICPC rubric label unless denoted by *, which indicates a grouping of multiple ICPC rubrics under the same problem (concept) label, e.g. "Hypertension*" groups the ICPC rubrics of Hypertension Uncomplicated (K86) and Hypertension Complicated (K87). (See Appendix 5 of the BEACH annual report, General practice activity in Australia 2006-07, <<http://www.aihw.gov.au/publications/gep/gpaa06-07/gpaa06-07-xx03b.pdf>>). Number of observations (n), % of total problems managed, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

SECTION 4: MEDICATIONS

Table 4.1: Group medications prescribed – Females aged 15-24: Apr00-Mar01

This table displays the distribution of medications by CAPS group. Information on the CAPS coding system can be found at <<http://www.fmrc.org.au/caps>>. Up to four medications can be recorded for each problem. Number of observations (n), rate per 100 encounters, 95% confidence interval (CI), rate per 100 problems, % of total medications and 95% confidence interval (CI) are provided for each data point.

Table 4.2: Top 30 subgroup medications prescribed – Females aged 15-24: Apr00-Mar01

This table displays the distribution of medications by CAPS subgroup. Number of observations (n), rate per 100 encounters, 95% confidence interval (CI), rate per 100 problems, % of total medications and 95% confidence interval (CI) are provided for each data point.

Table 4.3: Top 30 medications prescribed – Females aged 15-24: Apr00-Mar01

This table displays the distribution of medications by generic. Number of observations (n), rate per 100 encounters, 95% confidence interval (CI), rate per 100 problems, % of total medications and 95% confidence interval (CI) are provided for each data point.

SECTION 5: REFERRALS

TABLE 5.1: Top 10 referrals to medical specialists – Females aged 15-24: Apr00-Mar01

This table displays referrals to medical specialists for females aged between 15 and 24 years. Up to two referrals or admissions can be recorded for each encounter. Only *new* referrals are recorded. Continuation referrals are not included. For information on referrals to hospital, emergency department, and other medical services and referrals, please refer to table 1c. Number of observations (n), proportion (%) of all referrals to a specialist, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

TABLE 5.2: Top 10 referrals to allied health professionals – Females aged 15-24: Apr00-Mar01

This table displays referrals to allied health professionals for females aged between 15 and 24 years. Up to two referrals or admissions can be recorded for each encounter. Only *new* referrals are recorded. Continuation referrals are not included. For information on referrals to hospital, emergency department, and other medical services and referrals, please refer to table 1c. Number of observations (n), proportion (%) of all allied health referrals, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

SECTION 6: CLINICAL TREATMENTS & PROCEDURES

TABLE 6.1: Top 10 clinical treatments – Females aged 15-24: Apr00-Mar01

This table lists the 10 most common clinical treatments performed by a GP in the management of problems presented by females aged between 15 and 24. Up to two non-pharmacological treatments can be recorded for each problem. These treatments are coded using ICPC-2 PLUS. Clinical treatments include general and specific advice, counselling or education, family planning, and administrative processes. An asterisk (*) denotes multiple ICPC-2 or ICPC-2 PLUS codes. Number of observations (n), proportion (%) of total clinical treatments, rate per 100 encounters and 95% confidence intervals (CI) are provided for each data point.

TABLE 6.2: Top 10 procedural treatments – Females aged 15-24: Apr00-Mar01

This table lists the 10 most common procedural treatments recorded by a GP in the management of problems presented by females aged between 15 and 24. Procedural treatments include therapeutic actions and diagnostic procedures undertaken at the encounter. However, they do not include injections for immunisations or vaccinations given by either the GP or the practice nurse, as these have already been counted as medications. An asterisk (*) denotes multiple ICPC-2 or ICPC-2 PLUS codes.

SECTION 7: IMAGING TESTS ORDERED

TABLE 7.1: Imaging tests ordered by MBS group – Females aged 15-24: Apr00-Mar01

This table presents all imaging tests ordered or undertaken in the management of problems presented by females aged between 15 and 24. Tests are displayed by Medicare Benefits Schedule (MBS) group. Up to three imaging tests may be recorded at each encounter. A single imaging test may be ordered for more than one problem, and conversely more than one test may be ordered for the same problem.

TABLE 7.2: Imaging tests ordered at ICPC-2 PLUS level – Females aged 15-24: Apr00-Mar01

This table presents all imaging tests ordered or undertaken in the management of problems presented by females aged between 15 and 24. Tests are displayed at ICPC-2 PLUS level. Up to three imaging tests may be recorded at each encounter.

SECTION 8: PATHOLOGY TESTS ORDERED

TABLE 8.1: Pathology orders across MBS pathology groups – Females aged 15-24: Apr00-Mar01

This table presents all pathology tests ordered or undertaken in the management of problems presented by females aged between 15 and 24. Tests are displayed by Medicare Benefits Schedule (MBS) group. Up to five pathology tests may be recorded at each encounter. A pathology test order may be for a single test (e.g. Pap smear, HbA1c) or for a battery of tests (e.g. lipids, full blood count). Where a battery of tests was ordered, the battery name was recorded rather than each individual test.

TABLE 8.1: Pathology orders at individual test level – Females aged 15-24: Apr00-Mar01

This table presents all individual pathology tests ordered or undertaken in the management of problems presented by females aged between 15 and 24. Tests are displayed at the individual test level. Up to five pathology tests may be recorded at each encounter. A pathology test order may be for a single test (e.g. Pap smear, HbA1c) or for a battery of tests (e.g. lipids, full blood count). Where a battery of tests was ordered, the battery name was recorded rather than each individual test.

BEACH Survey Report

Table 1a: Summary of data base: services - Females aged 15-24: Apr00-Mar01

Data	n	Rate per 100 encs	Lower 95% CI	Upper 95% CI
General practitioners	961	.	.	.
Encounters	6269	.	.	.
Direct encounters	5431	98.55	98.2	98.9
No charge	32	0.58	0.3	0.9
MBS items by GPs	5258	95.41	94.6	96.2
- Short surgery consultations	57	1.03	0.7	1.4
- Standard surgery consultations	4399	79.82	78.1	81.6
- Long surgery consultations	511	9.27	8.2	10.3
- Prolonged surgery consultations	48	0.87	0.5	1.2
- Home visits	31	0.56	0.2	0.9
- Hospital	16	0.29	0.1	0.5
- Residential aged care facility	2	0.04	0.0	0.1
- Other items	194	3.52	2.6	4.5
Worker's compensation	68	1.23	0.9	1.6
Other paid (hospital, state etc)	73	1.32	0.8	1.8
Indirect encounters	80	1.45	1.1	1.8
Missing	758	.	.	.

The indirect consultations with item numbers (e.g.: chronic disease management item or case conference item) are counted under both MBS items by GPs and indirect consultations. Therefore, the number of no charge, medicare paid, worker's compensation and other paid do not always add up to the number of direct consultations.

During the BEACH study period April 1998 to March 2005, GPs were instructed to record the lowest Medicare item number (e.g.: an A1 item number) if multiple item numbers applied.

From April 2005 onwards, multiple Medicare item numbers (up to 3) could be recorded on an encounter form. The lowest item from the encounter was selected and analysed in this table. This provides comparable results to those reported before April 2005.

Table 1b: Summary of data base: patients - Females aged 15-24: Apr00-Mar01

Data	n	%	Lower 95% CI	Upper 95% CI
Patients	6269	.	.	.
- Females	6269	100.00	100.0	100.0
- 15-24 years	6269	100.00	100.0	100.0
- HCC card	1764	28.14	26.0	30.3
- VA card	7	0.11	0.0	0.2
- NESB	258	4.12	3.2	5.0
- Aboriginal only	77	1.23	0.5	1.9
- Torres Strait Islander only	12	0.19	0.0	0.4
- Aboriginal and/or TSI	89	1.42	0.6	2.2
- New to practice	946	15.09	13.7	16.5
- Seen previously	5323	84.91	83.5	86.3
- ACT	151	2.48	1.3	3.7
- NSW	2152	35.39	31.7	39.0
- VIC	1498	24.63	21.3	28.0
- QLD	913	15.01	12.0	18.0
- SA	454	7.47	5.6	9.4
- WA	666	10.95	8.2	13.7
- TAS	211	3.47	2.0	4.9
- NT	36	0.59	0.1	1.0
- Missing state	188	.	.	.
RRMA- Capital	4196	69.29	65.8	72.8
- Other Metro	455	7.51	5.3	9.7
- Large Rural	307	5.07	3.4	6.8
- Small Rural	324	5.35	3.8	6.9
- Other Rural	639	10.55	8.6	12.5
- Remote Central	95	1.57	0.6	2.5
- Other remote, Offshore	40	0.66	0.2	1.1
- Missing rrma	213	.	.	.
ASGC- Major Cities	4363	71.98	68.7	75.3
- Inner Regional	1068	17.62	15.0	20.3
- Outer Regional	505	8.33	6.3	10.4
- Remote	106	1.75	0.8	2.7
- Very Remote	19	0.31	0.0	0.6
- Missing ASGC	208	.	.	.

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Table 1c: Summary of data base: morbidity and management - Females aged 15-24: Apr00-Mar01

Data	n	Per 100 encs	Lower 95% CI	Upper 95% CI	Rate per 100 problems	Lower 95% CI	Upper 95% CI
Reasons for encounter	9124	145.54	143.3	147.8	.	.	.
Problem managed	8309	132.54	130.5	134.5	.	.	.
- New problem	3519	56.13	53.7	58.6	42.35	40.6	44.1
- Old problem	4790	76.41	73.7	79.1	57.65	55.9	59.4
- Chronic problem	1142	18.22	17.1	19.4	13.74	12.9	14.6
- Work related	146	2.33	1.9	2.8	1.76	1.4	2.1
At least one chronic problem	1071	17.08	16.0	18.1	.	.	.
At least one medication	4120	65.72	64.3	67.2	.	.	.
At least one other treatment	2578	41.12	39.1	43.2	.	.	.
At least one referral	578	9.22	8.4	10.0	.	.	.
At least one imaging order	372	5.93	5.3	6.6	.	.	.
At least one pathology order	1069	17.05	16.0	18.1	.	.	.
Medications	5681	90.62	87.9	93.3	68.37	66.3	70.4
- Prescribed	4452	71.02	68.6	73.5	53.58	51.6	55.5
- Advised OTC	813	12.97	11.6	14.3	9.78	8.8	10.8
- GP supplied	416	6.64	5.4	7.9	5.01	4.1	5.9
Other treatments	3424	54.62	51.4	57.8	41.21	39.0	43.5
- Clinical	2754	43.93	41.0	46.8	33.14	31.1	35.2
- Procedural	670	10.69	9.7	11.7	8.06	7.3	8.8
Referrals	611	9.75	8.9	10.6	7.35	6.7	8.0
- Allied health services	160	2.55	2.1	3.0	1.93	1.6	2.3
- Specialist	393	6.27	5.6	6.9	4.73	4.2	5.2
- Emergency department	6	0.10	0.0	0.2	0.07	0.0	0.1
- Hospital	38	0.61	0.4	0.8	0.46	0.3	0.6
- Referral NOS	10	0.16	0.1	0.3	0.12	0.0	0.2
- Other medical services	4	0.06	0.0	0.1	0.05	0.0	0.1
Pathology	2164	34.52	31.9	37.2	26.04	24.1	28.0
Imaging	394	6.28	5.5	7.0	4.74	4.2	5.3
Other investigations	10	0.16	0.1	0.3	0.12	0.0	0.2

Table 1d: General practitioners - Females aged 15-24: Apr00-Mar01

The FREQ Procedure

Table of gpage by gpsex

gpage(GP age)	gpsex(GP sex)		
Frequency	Male	Female	Total
Percent			
Row Pct			
Col Pct			
< 35 years	32	35	67
	3.36	3.68	7.04
	47.76	52.24	
	4.98	11.33	
35-44 years	147	129	276
	15.44	13.55	28.99
	53.26	46.74	
	22.86	41.75	
45-54 years	230	102	332
	24.16	10.71	34.87
	69.28	30.72	
	35.77	33.01	
55+ years	234	43	277
	24.58	4.52	29.10
	84.48	15.52	
	36.39	13.92	
Total	643	309	952
	67.54	32.46	100.00

Frequency Missing = 9

Table 1e: Summary of data base: GP characteristics - Females aged 15-24: Apr00-Mar01

Data	n	%
Years in general practice	.	.
<2 years	5	0.5
2-5 years	64	6.7
6-10 years	136	14.2
11-19 years	291	30.5
20+ years	459	48.1
Missing	6	.
	.	.
Practice size-FTE GPs at pract	.	.
Missing	961	.
	.	.
Practice state	.	.
ACT	20	2.1
NSW	373	38.8
VIC	232	24.1
QLD	135	14.0
SA	75	7.8
WA	86	8.9
TAS	32	3.3
NT	8	0.8
	.	.
RRMA of Main Practice	.	.
Capital	653	68.0
Oth Met	65	6.8
Lge Rur	54	5.6
Sm Rur	53	5.5
Oth Rur	119	12.4
Rem Cen	10	1.0
Oth Rem, Offsh	7	0.7
	.	.
ASGC of Main Practice	.	.
Major Cities	691	72.1
Inner Regional	170	17.7
Outer Regional	82	8.6
Remote	12	1.3
Very Remote	3	0.3
Missing	3	.
	.	.

BEACH Survey Report - Analysis date: 17DEC09

Table 1e: Summary of data base: GP characteristics - Females aged 15-24: Apr00-Mar01

Data	n	%
Country of graduation	.	.
Australia	695	72.9
New Zealand	15	1.6
Asia	44	4.6
UK/Ireland	78	8.2
Europe	11	1.2
Africa	9	0.9
Other	102	10.7
Missing	7	.
> 50% consults NESB	.	.
Yes	131	13.7
No	825	86.3
Missing	5	.
Hold FRACGP	.	.
Yes	301	31.4
No	658	68.6
Missing	2	.
Practice Accredited	.	.
Yes	331	35.0
No	615	65.0
Missing	15	.
	.	.

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Table 2.1: Reasons for encounters (RFEs) - ICPC chapter - Females aged 15-24: Apr00-Mar01

RFE chapter	n	% of total RFEs	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Respiratory	1626	17.82	16.7	18.9	25.94	24.3	27.6
General & unspecified	1419	15.55	14.7	16.4	22.64	21.3	24.0
Pregnancy & family planning	1198	13.13	12.2	14.1	19.11	17.8	20.5
Skin	933	10.23	9.4	11.0	14.88	13.7	16.0
Female genital system	847	9.28	8.5	10.1	13.51	12.3	14.7
Digestive	815	8.93	8.2	9.7	13.00	11.9	14.1
Musculoskeletal	641	7.03	6.4	7.7	10.22	9.3	11.2
Psychological	455	4.99	4.4	5.6	7.26	6.4	8.1
Neurological	364	3.99	3.5	4.4	5.81	5.1	6.5
Urology	206	2.26	1.9	2.6	3.29	2.8	3.8
Ear	183	2.01	1.7	2.3	2.92	2.5	3.3
Endocrine & metabolic	153	1.68	1.4	1.9	2.44	2.0	2.8
Eye	101	1.11	0.9	1.3	1.61	1.3	1.9
Blood	73	0.80	0.6	1.0	1.16	0.9	1.4
Circulatory	64	0.70	0.5	0.9	1.02	0.8	1.3
Social	46	0.50	0.4	0.7	0.73	0.5	1.0
.
Subtotal	9124	100.00	.	.	.	.	.
.
Total RFEs	9124	100.00	.	.	145.54	143.3	147.8

Table 2.2: Top 60 reasons for encounters (RFEs) - Females aged 15-24: Apr00-Mar01

RFE label	n	% of total RFEs	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Throat symptom/complaint	478	5.24	4.7	5.8	7.62	6.9	8.4
Oral contraception*	452	4.95	4.4	5.5	7.21	6.4	8.0
Cough	375	4.11	3.7	4.6	5.98	5.3	6.7
Prescription all*	277	3.04	2.6	3.4	4.42	3.8	5.0
Pre/post natal check-up*	267	2.93	2.4	3.5	4.26	3.4	5.1
Menstrual problems*	243	2.66	2.3	3.0	3.88	3.3	4.4
Abdominal pain*	217	2.38	2.0	2.7	3.46	3.0	3.9
Female genital check-up*	217	2.38	2.0	2.7	3.46	2.9	4.0
Test results*	210	2.30	1.9	2.7	3.35	2.8	3.9
Upper respiratory infection, acute	197	2.16	1.8	2.5	3.14	2.6	3.7
Headache	194	2.13	1.8	2.4	3.09	2.6	3.6
Rash*	175	1.92	1.6	2.2	2.79	2.4	3.2
Contraception female, other	161	1.76	1.4	2.1	2.57	2.1	3.1
Preventive immun/vacc/meds-all*	152	1.67	1.4	2.0	2.42	2.0	2.8
Weakness/tiredness general	147	1.61	1.3	1.9	2.34	1.9	2.8
Depression*	146	1.60	1.3	1.9	2.33	1.9	2.8
Pregnancy*	146	1.60	1.2	2.0	2.33	1.8	2.8
Back complaint*	137	1.50	1.2	1.8	2.19	1.8	2.6
Vomiting	130	1.42	1.2	1.7	2.07	1.7	2.5
Acne	122	1.34	1.1	1.6	1.95	1.6	2.3
Fever	118	1.29	1.0	1.6	1.88	1.4	2.3
Diarrhoea	112	1.23	1.0	1.5	1.79	1.5	2.1
Nausea	106	1.16	0.9	1.4	1.69	1.3	2.1
Pain, ear/earache	104	1.14	0.9	1.4	1.66	1.3	2.0
General check-up*	93	1.02	0.8	1.3	1.48	1.1	1.8
Sneezing/nasal congestion	93	1.02	0.8	1.3	1.48	1.1	1.8
Administrative procedure NOS	82	0.90	0.7	1.1	1.31	1.0	1.6
Asthma	82	0.90	0.7	1.1	1.31	1.0	1.6
Vertigo/dizziness	73	0.80	0.6	1.0	1.16	0.9	1.4
Dysuria/painful urination	68	0.75	0.6	0.9	1.08	0.8	1.4
Observation/health educat/advice/diet pregnancy	68	0.75	0.6	0.9	1.08	0.8	1.4
Warts	67	0.73	0.6	0.9	1.07	0.8	1.3
Swelling*	60	0.66	0.5	0.8	0.96	0.7	1.2
Anxiety*	59	0.65	0.5	0.8	0.94	0.7	1.2
Neck symptom/complaint	59	0.65	0.5	0.8	0.94	0.7	1.2
Influenza	58	0.64	0.5	0.8	0.93	0.7	1.2
Urinary frequency/urgency	56	0.61	0.5	0.8	0.89	0.7	1.1
Skin check-up*	55	0.60	0.4	0.8	0.88	0.6	1.1
Vaginal discharge	52	0.57	0.4	0.7	0.83	0.6	1.1
Sleep disturbance	50	0.55	0.4	0.7	0.80	0.6	1.0

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Table 2.2: Top 60 reasons for encounters (RFEs) - Females aged 15-24: Apr00-Mar01

RFE label	n	% of total RFEs	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
UTI*	49	0.54	0.4	0.7	0.78	0.5	1.0
Knee symptom/complaint	49	0.54	0.4	0.7	0.78	0.6	1.0
Skin symptom/complaint, other	49	0.54	0.4	0.7	0.78	0.6	1.0
Feeling ill	46	0.50	0.4	0.7	0.73	0.5	0.9
Observation/health educat/advice/diet NOS	46	0.50	0.4	0.7	0.73	0.5	1.0
Genital symptom/complaint, other (female)	46	0.50	0.3	0.7	0.73	0.5	1.0
Foot/toe symptom/complaint	44	0.48	0.3	0.6	0.70	0.5	0.9
Pain, chest NOS	43	0.47	0.3	0.6	0.69	0.5	0.9
Trauma/injury NOS	40	0.44	0.3	0.6	0.64	0.4	0.9
Injury musculoskeletal NOS	38	0.42	0.3	0.5	0.61	0.4	0.8
Pain, genital (female)	38	0.42	0.3	0.6	0.61	0.4	0.8
Acute stress reaction	36	0.39	0.3	0.5	0.57	0.4	0.8
Follow-up encounter unspecified NOS	35	0.38	0.2	0.5	0.56	0.3	0.8
Shortness of breath/dyspnoea	35	0.38	0.2	0.5	0.56	0.4	0.8
Infectious disease, other/NOS	34	0.37	0.2	0.5	0.54	0.3	0.7
Pruritus	34	0.37	0.2	0.5	0.54	0.4	0.7
Sinusitis acute/chronic	33	0.36	0.2	0.5	0.53	0.3	0.7
Acute bronchitis/bronchiolitis	33	0.36	0.2	0.5	0.53	0.3	0.7
Naevus/mole	33	0.36	0.2	0.5	0.53	0.3	0.7
Adverse effect medical agent	32	0.35	0.2	0.5	0.51	0.3	0.7
.
Subtotal	6751	73.99	.	.	.	.	.
.
Total RFEs	9124	100.00	.	.	145.54	143.3	147.8

BEACH Survey Report - Analysis date: 17DEC09

Table 3.1: Problems managed - ICPC chapter - Females aged 15-24: Apr00-Mar01

Problem chapter	n	% of total problems	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Respiratory	1487	17.90	16.8	19.0	23.72	22.3	25.1
Pregnancy & family planning	1343	16.16	15.1	17.2	21.42	20.0	22.8
Skin	987	11.88	11.0	12.8	15.74	14.6	16.9
General & unspecified	920	11.07	10.3	11.8	14.68	13.6	15.7
Female genital system	785	9.45	8.7	10.2	12.52	11.4	13.6
Psychological	577	6.94	6.2	7.7	9.20	8.2	10.2
Digestive	569	6.85	6.3	7.4	9.08	8.3	9.8
Musculoskeletal	569	6.85	6.2	7.5	9.08	8.2	10.0
Urology	223	2.68	2.3	3.1	3.56	3.1	4.1
Neurological	200	2.41	2.1	2.8	3.19	2.7	3.7
Endocrine & metabolic	200	2.41	2.1	2.7	3.19	2.7	3.6
Ear	135	1.62	1.3	1.9	2.15	1.8	2.5
Eye	99	1.19	1.0	1.4	1.58	1.3	1.9
Circulatory	92	1.11	0.9	1.3	1.47	1.2	1.8
Blood	85	1.02	0.8	1.2	1.36	1.1	1.6
Social	38	0.46	0.3	0.6	0.61	0.4	0.8
.
Subtotal	8309	100.00	.	.	.	.	.
.
Total problems	8309	100.00	.	.	132.54	130.5	134.5

Table 3.2: Top 60 Problems managed - Females aged 15-24: Apr00-Mar01

Problem label	n	% of total problems	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Upper respiratory infection, acute	531	6.39	5.7	7.0	8.47	7.6	9.3
Oral contraception*	396	4.77	4.2	5.4	6.32	5.5	7.1
Contraception female, other	307	3.69	3.2	4.2	4.90	4.3	5.5
Pregnancy*	255	3.07	2.6	3.5	4.07	3.5	4.7
Depression*	229	2.76	2.4	3.2	3.65	3.1	4.2
Female genital check-up*	205	2.47	2.1	2.9	3.27	2.7	3.8
Pre/post natal check-up*	198	2.38	1.8	2.9	3.16	2.4	3.9
UTI*	194	2.33	2.0	2.7	3.09	2.6	3.6
Menstrual problems*	194	2.33	2.0	2.7	3.09	2.7	3.5
Tonsillitis*	181	2.18	1.8	2.5	2.89	2.4	3.3
Asthma	177	2.13	1.8	2.5	2.82	2.4	3.3
Preventive immun/vacc/meds-all*	162	1.95	1.6	2.3	2.58	2.2	3.0
Gastroenteritis*	160	1.93	1.6	2.2	2.55	2.1	3.0
Acute bronchitis/bronchiolitis	154	1.85	1.5	2.2	2.46	2.0	2.9
Acne	150	1.81	1.5	2.1	2.39	2.0	2.8
Sinusitis acute/chronic	143	1.72	1.4	2.0	2.28	1.9	2.7
Viral disease, other/NOS	134	1.61	1.3	2.0	2.14	1.7	2.6
Dermatitis, contact/allergic	133	1.60	1.3	1.9	2.12	1.7	2.5
Sprain/Strain*	130	1.56	1.3	1.8	2.07	1.7	2.5
Warts	82	0.99	0.7	1.2	1.31	1.0	1.6
Anxiety*	78	0.94	0.7	1.2	1.24	0.9	1.5
Allergic rhinitis	70	0.84	0.6	1.1	1.12	0.8	1.4
Weakness/tiredness general	67	0.81	0.6	1.0	1.07	0.8	1.4
Back complaint*	66	0.79	0.6	1.0	1.05	0.8	1.3
General check-up*	66	0.79	0.6	1.0	1.05	0.8	1.3
Naevus/mole	66	0.79	0.6	1.0	1.05	0.8	1.3
Genital candidiasis (female)	66	0.79	0.6	1.0	1.05	0.8	1.3
Infectious disease, other/NOS	64	0.77	0.6	1.0	1.02	0.7	1.3
Prescription all*	62	0.75	0.5	0.9	0.99	0.7	1.3
Migraine	60	0.72	0.5	0.9	0.96	0.7	1.2
Adverse effect medical agent	59	0.71	0.5	0.9	0.94	0.7	1.2
Drug abuse	59	0.71	0.5	0.9	0.94	0.6	1.3
Test results*	57	0.69	0.5	0.9	0.91	0.6	1.2
Observation/health educat/advice/diet pregnancy	55	0.66	0.5	0.8	0.88	0.6	1.1
Abdominal pain*	53	0.64	0.5	0.8	0.85	0.6	1.1
Acute stress reaction	53	0.64	0.4	0.8	0.85	0.6	1.1
Risk factor NOS	51	0.61	0.4	0.8	0.81	0.6	1.0
Genital disease, other (female)	51	0.61	0.4	0.8	0.81	0.6	1.0
Observation/health educat/advice/diet NOS	49	0.59	0.4	0.8	0.78	0.6	1.0
Injury skin, other	43	0.52	0.3	0.7	0.69	0.4	0.9
Fracture*	42	0.51	0.3	0.7	0.67	0.5	0.9

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Table 3.2: Top 60 Problems managed - Females aged 15-24: Apr00-Mar01

Problem label	n	% of total problems	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Acute otitis media/myringitis	42	0.51	0.4	0.7	0.67	0.5	0.9
Pain, muscle	42	0.51	0.3	0.7	0.67	0.5	0.9
Respiratory infection, other	42	0.51	0.3	0.7	0.67	0.4	0.9
Abnormal test results*	41	0.49	0.3	0.7	0.65	0.4	0.9
Stomach function disorder	40	0.48	0.3	0.6	0.64	0.4	0.9
Conjunctivitis, infectious	40	0.48	0.3	0.6	0.64	0.4	0.8
Endocrine/metabolic/nutritional disease, other	40	0.48	0.3	0.6	0.64	0.4	0.8
Bursitis/tendonitis/synovitis NOS	39	0.47	0.3	0.6	0.62	0.4	0.8
Injury musculoskeletal NOS	38	0.46	0.3	0.6	0.61	0.4	0.8
Influenza	38	0.46	0.3	0.6	0.61	0.4	0.8
Otitis externa	34	0.41	0.3	0.6	0.54	0.4	0.7
Headache	34	0.41	0.3	0.6	0.54	0.4	0.7
Skin infection, post traumatic	32	0.39	0.2	0.5	0.51	0.3	0.7
Obesity (BMI > 30)	32	0.39	0.2	0.5	0.51	0.3	0.7
Infectious mononucleosis	31	0.37	0.2	0.5	0.49	0.3	0.7
Sleep disturbance	31	0.37	0.2	0.5	0.49	0.3	0.7
Boil/carbuncle	30	0.36	0.2	0.5	0.48	0.3	0.6
Bruise/contusion	30	0.36	0.2	0.5	0.48	0.3	0.6
Dermatophytosis	29	0.35	0.2	0.5	0.46	0.3	0.6
.
Subtotal	6037	72.66
.
Total problems	8309	100.00	.	.	132.54	130.5	134.5

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Table 4.1: Group medications prescribed - Females aged 15-24: Apr00-Mar01

Group medication	n	Per 100 encs	Lower 95% CI	Upper 95% CI	Per 100 problems	Lower 95% CI	Upper 95% CI	% of total Meds	Lower 95% CI	Upper 95% CI
Anti-infections/infestations	1260	20.10	18.9	21.3	15.16	14.2	16.1	28.30	26.9	29.7
Contraceptives	677	10.80	9.9	11.7	8.15	7.5	8.8	15.21	14.0	16.4
CNS	486	7.75	6.9	8.6	5.85	5.2	6.5	10.92	9.9	12.0
Respiratory	306	4.88	4.2	5.6	3.68	3.1	4.2	6.87	5.9	7.8
Skin	304	4.85	4.2	5.5	3.66	3.2	4.1	6.83	6.0	7.7
Psychological	253	4.04	3.4	4.7	3.04	2.6	3.5	5.68	4.8	6.5
Hormones	238	3.80	3.3	4.3	2.86	2.5	3.2	5.35	4.6	6.0
Allergy, immune system	204	3.25	2.7	3.8	2.46	2.1	2.9	4.58	3.8	5.3
Musculoskeletal	178	2.84	2.4	3.3	2.14	1.8	2.5	4.00	3.4	4.6
Digestive	136	2.17	1.7	2.6	1.64	1.3	2.0	3.05	2.5	3.6
Ear, nose topical	110	1.75	1.4	2.1	1.32	1.1	1.6	2.47	2.0	2.9
Eye medications	66	1.05	0.8	1.3	0.79	0.6	1.0	1.48	1.1	1.8
Blood	57	0.91	0.6	1.2	0.69	0.5	0.9	1.28	0.9	1.7
Urogenital	52	0.83	0.6	1.1	0.63	0.4	0.8	1.17	0.8	1.5
Cardiovascular	43	0.69	0.5	0.9	0.52	0.4	0.7	0.97	0.7	1.3
Nutrition, metabolism	43	0.69	0.5	0.9	0.52	0.4	0.7	0.97	0.7	1.3
Miscellaneous	27	0.43	0.2	0.6	0.32	0.2	0.5	0.61	0.3	0.9
Anti neoplastics	7	0.11	0.0	0.2	0.08	0.0	0.2	0.16	0.0	0.3
Surgical preparations	5	0.08	0.0	0.1	0.06	0.0	0.1	0.11	0.0	0.2
.
Subtotal	4452	.	.	.	.	.	.	100.00	.	.
.
Total Meds	4452	71.02	68.6	73.5	53.58	51.6	55.5	100.00	.	.

Table 4.2: Top 30 subgroup medications prescribed - Females aged 15-24: Apr00-Mar01

Subgroup medication	n	Per 100 encs	Lower 95% CI	Upper 95% CI	Per 100 problems	Lower 95% CI	Upper 95% CI	% of	Lower 95% CI	Upper 95% CI
								total Meds		
Contraceptives oral/systemic	677	10.80	9.9	11.7	8.15	7.5	8.8	15.21	14.0	16.4
Penicillins/Cephalosporins	404	6.44	5.8	7.1	4.86	4.4	5.4	9.07	8.2	10.0
Broad spectrum penicillins	337	5.38	4.7	6.0	4.06	3.5	4.6	7.57	6.7	8.5
Other antibiotics	273	4.35	3.8	4.9	3.29	2.9	3.7	6.13	5.4	6.9
Sex/Anabolic hormones	185	2.95	2.5	3.4	2.23	1.9	2.5	4.16	3.6	4.8
Topical steroids	169	2.70	2.3	3.1	2.03	1.7	2.4	3.80	3.2	4.4
Simple analgesics	165	2.63	2.2	3.1	1.99	1.6	2.3	3.71	3.1	4.3
Immunization	163	2.60	2.1	3.1	1.96	1.6	2.3	3.66	3.0	4.3
NSAIDs	162	2.58	2.2	3.0	1.95	1.6	2.3	3.64	3.0	4.2
Antiemetics/Antinauseants	159	2.54	2.1	3.0	1.91	1.6	2.2	3.57	3.0	4.2
Antidepressants	158	2.52	2.1	3.0	1.90	1.5	2.3	3.55	2.9	4.2
Bronchodilators/Spasm relaxants	148	2.36	1.9	2.8	1.78	1.5	2.1	3.32	2.8	3.9
Tetracyclines	132	2.11	1.7	2.5	1.59	1.3	1.9	2.96	2.4	3.5
Asthma preventives	107	1.71	1.3	2.1	1.29	1.0	1.6	2.40	1.9	2.9
Compound analgesics	101	1.61	1.3	2.0	1.22	0.9	1.5	2.27	1.8	2.8
Other skin	87	1.39	1.1	1.7	1.05	0.8	1.3	1.95	1.5	2.4
Topical nasal	71	1.13	0.9	1.4	0.85	0.6	1.1	1.59	1.2	2.0
Anti-infectives	69	1.10	0.8	1.4	0.83	0.6	1.0	1.55	1.2	1.9
Haemopoietics	52	0.83	0.6	1.1	0.63	0.4	0.8	1.17	0.8	1.5
Anti-infectives eye	52	0.83	0.6	1.1	0.63	0.5	0.8	1.17	0.9	1.5
Anti-infectives skin	47	0.75	0.5	1.0	0.57	0.4	0.7	1.06	0.7	1.4
Antianxiety	42	0.67	0.4	0.9	0.51	0.3	0.7	0.94	0.6	1.3
Topical otic	39	0.62	0.4	0.8	0.47	0.3	0.6	0.88	0.6	1.2
Antiulcerants	37	0.59	0.4	0.8	0.45	0.3	0.6	0.83	0.6	1.1
Sedatives/Hypnotics	37	0.59	0.4	0.8	0.45	0.3	0.6	0.83	0.6	1.1
Antidiarrhoeals	36	0.57	0.4	0.8	0.43	0.3	0.6	0.81	0.5	1.1
Decongestants/Expectorants/Cold relief	34	0.54	0.3	0.7	0.41	0.3	0.6	0.76	0.5	1.0
Narcotic analgesics	33	0.53	0.3	0.7	0.40	0.2	0.6	0.74	0.4	1.1
Corticosteroids	30	0.48	0.3	0.6	0.36	0.2	0.5	0.67	0.4	0.9
Topical vaginal	30	0.48	0.3	0.7	0.36	0.2	0.5	0.67	0.4	0.9
.
Subtotal	4036	90.66	.	.
.
Total Meds	4452	71.02	68.6	73.5	53.58	51.6	55.5	100.00	.	.

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Table 4.3: Top 30 medications prescribed - Females aged 15-24: Apr00-Mar01

Generic medication	n	Per 100 encs	Lower 95% CI	Upper 95% CI	Per 100 problems	Lower 95% CI	Upper 95% CI	% of total Meds	Lower 95% CI	Upper 95% CI
Levonorgestrel/Ethinylloestradiol	546	8.71	7.9	9.5	6.57	6.0	7.2	12.26	11.2	13.3
Amoxicillin	230	3.67	3.1	4.2	2.77	2.3	3.2	5.17	4.4	5.9
Cephalexin	168	2.68	2.3	3.1	2.02	1.7	2.3	3.77	3.2	4.4
Paracetamol	153	2.44	2.0	2.9	1.84	1.5	2.2	3.44	2.8	4.0
Roxithromycin	139	2.22	1.8	2.6	1.67	1.4	2.0	3.12	2.6	3.7
Salbutamol	109	1.74	1.4	2.1	1.31	1.1	1.6	2.45	2.0	2.9
Amoxicillin/potass.clavulanate	107	1.71	1.3	2.1	1.29	1.0	1.6	2.40	1.9	2.9
Metoclopramide	105	1.67	1.3	2.0	1.26	1.0	1.5	2.36	1.9	2.9
Cyproterone/Ethinylloestradiol	101	1.61	1.3	1.9	1.22	1.0	1.5	2.27	1.8	2.7
Doxycycline	96	1.53	1.2	1.9	1.16	0.9	1.4	2.16	1.7	2.6
Cefaclor monohydrate	83	1.32	1.0	1.7	1.00	0.7	1.3	1.86	1.4	2.3
Paracetamol/Codeine	82	1.31	1.0	1.6	0.99	0.8	1.2	1.84	1.4	2.3
Medroxyprogesterone	75	1.20	0.9	1.5	0.90	0.7	1.1	1.68	1.3	2.1
Norethisterone/Ethinylloestradiol	74	1.18	0.9	1.5	0.89	0.7	1.1	1.66	1.3	2.1
Penicillin V (phenoxymethyl benz)	60	0.96	0.7	1.2	0.72	0.5	0.9	1.35	1.0	1.7
Sertraline	52	0.83	0.6	1.1	0.63	0.4	0.8	1.17	0.8	1.5
Trimethoprim	50	0.80	0.6	1.0	0.60	0.4	0.8	1.12	0.8	1.5
Mometasone	50	0.80	0.6	1.0	0.60	0.4	0.8	1.12	0.8	1.5
Prochlorperazine	48	0.77	0.5	1.0	0.58	0.4	0.8	1.08	0.7	1.4
Betamethasone topical	46	0.73	0.5	1.0	0.55	0.4	0.7	1.03	0.7	1.3
Chloramphenicol eye	45	0.72	0.5	0.9	0.54	0.4	0.7	1.01	0.7	1.3
Budesonide topical nasal	45	0.72	0.5	0.9	0.54	0.4	0.7	1.01	0.7	1.3
Diclofenac sodium systemic	42	0.67	0.5	0.9	0.51	0.3	0.7	0.94	0.7	1.2
Erythromycin	40	0.64	0.4	0.8	0.48	0.3	0.6	0.90	0.6	1.2
Metronidazole oral/systemic	34	0.54	0.4	0.7	0.41	0.3	0.5	0.76	0.5	1.0
Penicillin phenoxymethyl potassium	33	0.53	0.3	0.7	0.40	0.3	0.5	0.74	0.5	1.0
Hepatitis B vaccine	33	0.53	0.3	0.7	0.40	0.3	0.5	0.74	0.5	1.0
Minocycline	32	0.51	0.3	0.7	0.39	0.2	0.5	0.72	0.5	1.0
Hydrocortisone topical	32	0.51	0.3	0.7	0.39	0.3	0.5	0.72	0.5	1.0
Budesonide	31	0.49	0.3	0.7	0.37	0.2	0.5	0.70	0.5	0.9
.
Subtotal	2741	61.57	.	.
.
Total Meds	4452	71.02	68.6	73.5	53.58	51.6	55.5	100.00	.	.

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Table 5.1: Top 10 Referrals to medical specialists - Females aged 15-24: Apr00-Mar01

Referrals to specialists	n	% of total Referrals to specialists	Lower 95% CI	Upper 95% CI	Per 100 encs	Lower 95% CI	Upper 95% CI
Referral;gynaecologist	66	16.79	13.1	20.5	1.05	0.8	1.3
Referral;dermatologist	39	9.92	6.9	13.0	0.62	0.4	0.8
Referral;orthopaedic surgeon	32	8.14	5.3	11.0	0.51	0.3	0.7
Referral;surgeon	29	7.38	4.8	9.9	0.46	0.3	0.6
Referral;obstetrician	28	7.12	4.6	9.7	0.45	0.3	0.6
Referral;psychiatrist	24	6.11	3.4	8.8	0.38	0.2	0.6
Referral;ENT	21	5.34	3.1	7.6	0.33	0.2	0.5
Referral;antenatal clinic	19	4.83	2.4	7.3	0.30	0.1	0.5
Referral;clinic/centre	17	4.33	2.1	6.5	0.27	0.1	0.4
Referral;specialist	15	3.82	1.7	6.0	0.24	0.1	0.4

Subtotal	290	73.79

Total Referrals to specialists	393	100.00	.	.	6.27	5.6	6.9

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Table 5.2: Top 10 Referrals to allied health professionals - Females aged 15-24: Apr00-Mar01

Referrals to allied health	n	% of total Referrals to allied health	Lower 95% CI	Upper 95% CI	Per 100 encls	Lower 95% CI	Upper 95% CI
Referral;physiotherapy	52	32.50	24.4	40.6	0.83	0.6	1.1
Referral;psychologist	23	14.38	8.8	19.9	0.37	0.2	0.5
Referral;dentist	17	10.63	5.5	15.8	0.27	0.1	0.4
Referral;dietitian/nutritionis	10	6.25	2.6	9.9	0.16	0.1	0.3
Referral;health profess	7	4.38	1.2	7.6	0.11	0.0	0.2
Referral;drug & alcohol	6	3.75	0.3	7.2	0.10	0.0	0.2
Referral;counsellor	5	3.13	0.4	5.8	0.08	0.0	0.1
Referral;social worker	5	3.13	0.4	5.8	0.08	0.0	0.1
Referral;optometrist	4	2.50	0.1	4.9	0.06	0.0	0.1
Referral;mental health team	4	2.50	0.1	4.9	0.06	0.0	0.1
Subtotal	133	83.13	.	.	.	.	.
Total Referrals to allied heal	160	100.00	.	.	2.55	2.1	3.0

Table 6.1: Top 10 Clinical treatments - Females aged 15-24: Apr00-Mar01

Clinical treatments	n	% of total		Per 100 encs	Lower 95% CI	Upper 95% CI	
		Clinical treatments	Lower 95% CI				
Advice/education - treatment*	468	16.99	15.0	19.0	7.47	6.5	8.5
Advice/education*	424	15.40	13.6	17.2	6.76	5.9	7.6
Counselling - problem*	281	10.20	8.7	11.7	4.48	3.8	5.2
Counsel/advice - nutrition/weight*	247	8.97	7.8	10.1	3.94	3.3	4.5
Counselling - psychological*	185	6.72	5.6	7.8	2.95	2.5	3.4
Sickness certificate*	173	6.28	4.9	7.7	2.76	2.1	3.4
Family planning*	141	5.12	4.3	6.0	2.25	1.8	2.7
Advice/education - medication*	135	4.90	4.0	5.8	2.15	1.7	2.6
Other admin/document*	121	4.39	3.5	5.3	1.93	1.5	2.3
Reassurance, support	76	2.76	2.0	3.5	1.21	0.9	1.5
.
Subtotal	2251	81.74	.	.	.	.	.
.
Total Clinical treatments	2754	100.00	.	.	43.93	41.0	46.8

Table 6.2: Top 10 Procedural treatments - Females aged 15-24: Apr00-Mar01

Procedural treatments	n	% of total		Per 100 encs	Lower 95% CI	Upper 95% CI	
		Procedural treatments	Lower 95% CI				
Pap smear*	123	18.36	14.9	21.8	1.96	1.6	2.4
Physical medicine/rehabilitation*	106	15.82	12.3	19.4	1.69	1.3	2.1
Excision/removal tissue/biopsy/destruction/debridement/cauterisation*	100	14.93	11.9	18.0	1.60	1.2	2.0
Pregnancy test*	81	12.09	9.4	14.7	1.29	1.0	1.6
Dressing/pressure/compression/tamponade*	81	12.09	9.4	14.8	1.29	1.0	1.6
Other therapeutic procedures/surgery NEC*	55	8.21	5.8	10.6	0.88	0.6	1.2
Repair/fixation-suture/cast/prosthetic device (apply/remove)*	40	5.97	4.0	7.9	0.64	0.4	0.9
Incision/drainage/flushing/aspiration/removal body fluid*	25	3.73	2.3	5.2	0.40	0.2	0.6
Urine test*	22	3.28	1.8	4.8	0.35	0.2	0.5
Physical function test*	13	1.94	0.8	3.1	0.21	0.1	0.3
Subtotal	646	96.42	.	.	.	.	.
Total Procedural treatments	670	100.00	.	.	10.69	9.7	11.7

Table 7.1: Imaging tests ordered by MBS group - Females aged 15-24: Apr00-Mar01

Imaging tests	n	% of total			Per 100 encs	Lower 95% CI	Upper 95% CI
		Imaging tests	Lower 95% CI	Upper 95% CI			
Group I1 Ultrasound	192	48.73	43.3	54.1	3.06	2.6	3.5
Group I3 Diagnostic radiology	166	42.13	36.8	47.5	2.65	2.2	3.1
Group I2 Computerised tomography	28	7.11	4.5	9.7	0.45	0.3	0.6
Group I4 Nuclear medicine imaging	5	1.27	0.2	2.4	0.08	0.0	0.1
Group I5 Magnetic resonance imaging	3	0.76	0.0	1.6	0.05	0.0	0.1
.
Subtotal	394	100.00	.	.	.	.	.
.
Total Imaging tests	394	100.00	.	.	6.28	5.5	7.0

Table 7.2: Imaging tests ordered at ICPC-2 PLUS level - Females aged 15-24: Apr00-Mar01

Imaging tests	n	% of total		Per 100 encs	Lower 95% CI	Upper 95% CI	
		Imaging tests	Lower 95% CI				
Ultrasound;pelvis	72	18.27	14.2	22.3	1.15	0.9	1.4
Ultrasound;obstetric	41	10.41	6.6	14.2	0.65	0.4	0.9
X-ray;chest	30	7.61	4.9	10.4	0.48	0.3	0.7
Ultrasound;breast;F	20	5.08	2.9	7.3	0.32	0.2	0.5
Ultrasound;abdomen	19	4.82	2.7	6.9	0.30	0.2	0.4
X-ray;knee	14	3.55	1.8	5.3	0.22	0.1	0.3
X-ray;foot/feet	13	3.30	1.5	5.1	0.21	0.1	0.3
X-ray;ankle	12	3.05	1.3	4.7	0.19	0.1	0.3
X-ray;hand	9	2.28	0.8	3.8	0.14	0.1	0.2
X-ray;spine;lumbosacral	7	1.78	0.5	3.1	0.11	0.0	0.2
X-ray;back	7	1.78	0.3	3.2	0.11	0.0	0.2
CT scan;brain	7	1.78	0.5	3.1	0.11	0.0	0.2
X-ray;abdomen	6	1.52	0.3	2.7	0.10	0.0	0.2
X-ray;sinus	6	1.52	0.3	2.7	0.10	0.0	0.2
Ultrasound	5	1.27	0.2	2.4	0.08	0.0	0.1
CT scan	5	1.27	0.2	2.4	0.08	0.0	0.1
X-ray;wrist	5	1.27	0.2	2.4	0.08	0.0	0.1
X-ray;spine;thoracic	5	1.27	0.2	2.4	0.08	0.0	0.1
X-ray;finger(s)/thumb	5	1.27	0.2	2.4	0.08	0.0	0.1
Ultrasound;renal tract	5	1.27	0.2	2.4	0.08	0.0	0.1
.
Subtotal	293	74.37
.
Total Imaging tests	394	100.00	.	.	6.28	5.5	7.0

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Table 8.1: Pathology orders across MBS pathology groups - Females aged 15-24: Apr00-Mar01

Pathology tests	n	% of total		Per 100 encs	Lower 95% CI	Upper 95% CI
		Pathology tests	Lower 95% CI			
Microbiology	741	34.24	31.1	37.4	11.82	10.3
Chemistry	638	29.48	26.9	32.0	10.18	9.0
Haematology	384	17.74	16.2	19.3	6.13	5.4
Cytopathology	231	10.67	9.2	12.1	3.68	3.2
Infertility/pregnancy test	56	2.59	1.9	3.3	0.89	0.6
Other NEC	54	2.50	1.7	3.3	0.86	0.6
Immunology	35	1.62	1.0	2.3	0.56	0.3
Simple test	13	0.60	0.3	0.9	0.21	0.1
Histopathology	12	0.55	0.2	0.9	0.19	0.1
.
Subtotal	2164	100.00
.
Total Pathology tests	2164	100.00	.	.	34.52	31.9
.	37.2

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Table 8.2: Pathology orders at individual test level - Females aged 15-24: Apr00-Mar01

Pathology tests	n	% of total		Per 100 encs	Lower 95% CI	Upper 95% CI	
		Pathology tests	Lower 95% CI				
Full blood count	291	13.45	12.3	4.64	4.1	5.2	
Pap smear	230	10.63	9.2	3.67	3.1	4.2	
Urine MC&S	173	7.99	6.7	2.76	2.3	3.2	
Hormone assay	120	5.55	4.3	1.91	1.5	2.4	
Thyroid function	103	4.76	3.9	1.64	1.3	2.0	
Hepatitis serology	89	4.11	2.9	1.42	1.0	1.9	
Liver function	88	4.07	3.3	1.40	1.1	1.7	
Vaginal swab and C&S	86	3.97	3.0	1.37	1.0	1.7	
Ferritin	85	3.93	3.1	1.36	1.0	1.7	
Microbiology; other	72	3.33	2.3	1.15	0.8	1.5	
Monospot	64	2.96	2.2	1.02	0.8	1.3	
Chlamydia	59	2.73	1.9	0.94	0.6	1.3	
Glucose tolerance	57	2.63	1.9	0.91	0.6	1.2	
EUC	56	2.59	1.9	0.89	0.6	1.1	
Infertility/pregnancy	56	2.59	1.9	0.89	0.6	1.1	
HIV	52	2.40	1.7	0.83	0.6	1.1	
ESR	51	2.36	1.7	0.81	0.6	1.0	
Multibiochemical analysis	39	1.80	1.2	0.62	0.4	0.8	
Venereal disease	30	1.39	0.8	0.48	0.3	0.7	
Blood test	30	1.39	0.8	0.48	0.3	0.7	
.	
Subtotal	1831	84.61	.	.	.	.
.	
Total Pathology tests	2164	100.00	.	.	34.52	31.9	37.2