



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

November 2008

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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.

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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 | 953 | . | . | . |
| Encounters | 5567 | . | . | . |
| Direct encounters | 4805 | 98.50 | 98.1 | 98.9 |
| No charge | 29 | 0.59 | 0.3 | 0.9 |
| MBS items by GPs | 4656 | 95.45 | 94.6 | 96.3 |
| - Short surgery consults | 50 | 1.03 | 0.7 | 1.4 |
| - Standard surgery consults | 3909 | 80.14 | 78.3 | 81.9 |
| - Long surgery consults | 451 | 9.25 | 8.2 | 10.3 |
| - Prolonged surgery consults | 44 | 0.90 | 0.5 | 1.3 |
| - Home visits | 28 | 0.57 | 0.2 | 0.9 |
| - Hospital | 14 | 0.29 | 0.0 | 0.5 |
| - Residential aged care facility | 2 | 0.04 | 0.0 | 0.1 |
| - Other items | 158 | 3.24 | 2.3 | 4.2 |
| Worker's compensation | 59 | 1.21 | 0.9 | 1.6 |
| Other paid (hospital, state etc) | 61 | 1.25 | 0.7 | 1.8 |
| Indirect encounters | 73 | 1.50 | 1.1 | 1.9 |
| Missing | 689 | . | . | . |

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.

BEACH Survey Report - Analysis date: 03NOV08

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

| Data | n | % | Lower 95% CI | Upper 95% CI |
|-------------------------------|------|--------|-----------------|-----------------|
| Patients | 5567 | . | . | . |
| - Females | 5567 | 100.00 | 100.0 | 100.0 |
| - 15-24 years | 5567 | 100.00 | 100.0 | 100.0 |
| - HCC card | 1601 | 28.76 | 26.6 | 30.9 |
| - VA card | 7 | 0.13 | 0.0 | 0.2 |
| - NESB | 230 | 4.13 | 3.2 | 5.1 |
| - Aboriginal only | 73 | 1.31 | 0.6 | 2.0 |
| - Torres Strait Islander only | 10 | 0.18 | 0.0 | 0.4 |
| - Aboriginal and/or TSI | 83 | 1.49 | 0.7 | 2.3 |
| - New to practice | 819 | 14.71 | 13.3 | 16.1 |
| - Seen previously | 4748 | 85.29 | 83.9 | 86.7 |
| - ACT | 138 | 2.56 | 1.4 | 3.8 |
| - NSW | 1920 | 35.57 | 31.9 | 39.3 |
| - VIC | 1315 | 24.36 | 21.0 | 27.7 |
| - QLD | 805 | 14.91 | 11.9 | 17.9 |
| - SA | 413 | 7.65 | 5.7 | 9.6 |
| - WA | 591 | 10.95 | 8.1 | 13.7 |
| - TAS | 184 | 3.41 | 2.0 | 4.8 |
| - NT | 32 | 0.59 | 0.1 | 1.1 |
| - Missing state | 169 | . | . | . |
| RRMA- Capital | 3721 | 69.24 | 65.7 | 72.8 |
| - Other Metro | 400 | 7.44 | 5.2 | 9.7 |
| - Large Rural | 270 | 5.02 | 3.3 | 6.7 |
| - Small Rural | 293 | 5.45 | 3.8 | 7.1 |
| - Other Rural | 577 | 10.74 | 8.7 | 12.8 |
| - Remote Central | 79 | 1.47 | 0.5 | 2.4 |
| - Other remote, Offshore | 34 | 0.63 | 0.2 | 1.0 |
| - Missing rrma | 193 | . | . | . |
| ASGC- Major Cities | 3937 | 73.25 | 70.0 | 76.5 |
| - Inner Regional | 908 | 16.89 | 14.2 | 19.5 |
| - Outer Regional | 432 | 8.04 | 6.0 | 10.1 |

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

| Data | n | % | Lower 95% CI | Upper 95% CI |
|----------------|-----|------|-----------------|-----------------|
| - Remote | 78 | 1.45 | 0.6 | 2.3 |
| - Very Remote | 20 | 0.37 | 0.0 | 0.7 |
| - Missing ASGC | 192 | . | . | . |

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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 | 8118 | 145.82 | 143.5 | 148.2 | . | . | . |
| . | . | . | . | . | . | . | . |
| Problem managed | 7386 | 132.67 | 130.6 | 134.8 | . | . | . |
| - New problem | 3150 | 56.58 | 54.1 | 59.1 | 42.65 | 40.8 | 44.5 |
| - Old problem | 4236 | 76.09 | 73.3 | 78.9 | 57.35 | 55.5 | 59.2 |
| . | . | 0.00 | . | . | 0.00 | . | . |
| - Work related | 130 | 2.34 | 1.9 | 2.8 | 1.76 | 1.4 | 2.1 |
| . | . | . | . | . | . | . | . |
| . | . | 0.00 | . | . | . | . | . |
| At least one medication | 3689 | 66.27 | 64.8 | 67.8 | . | . | . |
| At least one other treatment | 2302 | 41.35 | 39.3 | 43.5 | . | . | . |
| At least one referral | 502 | 9.02 | 8.2 | 9.8 | . | . | . |
| At least one imaging order | 322 | 5.78 | 5.1 | 6.5 | . | . | . |
| At least one pathology order | 929 | 16.69 | 15.6 | 17.8 | . | . | . |
| . | . | . | . | . | . | . | . |
| Medications | 5096 | 91.54 | 88.8 | 94.3 | 69.00 | 66.9 | 71.1 |
| - Prescribed | 3981 | 71.51 | 69.0 | 74.1 | 53.90 | 51.9 | 55.9 |
| - Advised OTC | 742 | 13.33 | 11.9 | 14.7 | 10.05 | 9.0 | 11.1 |
| - GP supplied | 373 | 6.70 | 5.5 | 7.9 | 5.05 | 4.1 | 6.0 |
| . | . | . | . | . | . | . | . |
| Other treatments | 3050 | 54.79 | 51.5 | 58.1 | 41.29 | 39.0 | 43.6 |
| - Clinical | 2460 | 44.19 | 41.2 | 47.2 | 33.31 | 31.2 | 35.4 |
| - Procedural | 590 | 10.60 | 9.5 | 11.7 | 7.99 | 7.2 | 8.8 |
| . | . | . | . | . | . | . | . |
| Referrals | 532 | 9.56 | 8.7 | 10.5 | 7.20 | 6.5 | 7.9 |
| - Allied health services | 140 | 2.51 | 2.1 | 3.0 | 1.90 | 1.6 | 2.2 |
| - Specialist | 345 | 6.20 | 5.5 | 6.9 | 4.67 | 4.1 | 5.2 |
| - Emergency department | 6 | 0.11 | 0.0 | 0.2 | 0.08 | 0.0 | 0.1 |
| - Hospital | 33 | 0.59 | 0.4 | 0.8 | 0.45 | 0.3 | 0.6 |
| - Referral NOS | 8 | 0.14 | 0.0 | 0.2 | 0.11 | 0.0 | 0.2 |
| . | . | . | . | . | . | . | . |
| Pathology | 1855 | 33.32 | 30.6 | 36.1 | 25.12 | 23.1 | 27.1 |
| Imaging | 340 | 6.11 | 5.3 | 6.9 | 4.73 | 4.1 | 5.3 |
| Other investigations | 9 | 0.16 | 0.1 | 0.3 | 0.00 | 0.0 | 0.0 |

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 |
| | 3.39 | 3.71 | 7.10 |
| | 47.76 | 52.24 | |
| | 5.03 | 11.36 | |
| 35-44 years | 147 | 128 | 275 |
| | 15.57 | 13.56 | 29.13 |
| | 53.45 | 46.55 | |
| | 23.11 | 41.56 | |
| 45-54 years | 227 | 102 | 329 |
| | 24.05 | 10.81 | 34.85 |
| | 69.00 | 31.00 | |
| | 35.69 | 33.12 | |
| 55+ years | 230 | 43 | 273 |
| | 24.36 | 4.56 | 28.92 |
| | 84.25 | 15.75 | |
| | 36.16 | 13.96 | |
| Total | 636 | 308 | 944 |
| | 67.37 | 32.63 | 100.00 |

Frequency Missing = 9

BEACH Survey Report - Analysis date: 03NOV08

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 | 6.8 |
| 6-10 years | 135 | 14.3 |
| 11-19 years | 291 | 30.7 |
| 20+ years | 452 | 47.7 |
| Missing | 6 | . |
| Sessions | . | . |
| < 5 per week | 153 | 16.3 |
| 6-10 per week | 634 | 67.6 |
| 11+ per week | 151 | 16.1 |
| Missing | 15 | . |
| Practice size-FTE GPs at pract | . | . |
| Missing | 953 | . |
| Practice state | . | . |
| ACT | 20 | 2.1 |
| NSW | 372 | 39.0 |
| VIC | 229 | 24.0 |
| QLD | 133 | 14.0 |
| SA | 73 | 7.7 |
| WA | 86 | 9.0 |
| TAS | 32 | 3.4 |
| NT | 8 | 0.8 |
| RRMA of Main Practice | . | . |
| Capital | 648 | 68.0 |
| Oth Met | 64 | 6.7 |
| Lge Rur | 53 | 5.6 |
| Sm Rur | 52 | 5.5 |
| Oth Rur | 119 | 12.5 |
| Rem Cen | 10 | 1.0 |
| Oth Rem, Offsh | 7 | 0.7 |
| ASGC of Main Practice | . | . |
| Major Cities | 685 | 72.1 |
| Inner Regional | 170 | 17.9 |

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

| Data | n | % |
|-----------------------|-----|------|
| Outer Regional | 80 | 8.4 |
| Remote | 12 | 1.3 |
| Very Remote | 3 | 0.3 |
| Missing | 3 | . |
| | . | . |
| Country of graduation | . | . |
| Australia | 688 | 72.7 |
| New Zealand | 15 | 1.6 |
| Asia | 44 | 4.7 |
| UK/Ireland | 77 | 8.1 |
| Europe | 11 | 1.2 |
| Africa | 9 | 1.0 |
| Other | 102 | 10.8 |
| Missing | 7 | . |
| | . | . |
| > 50% consults NESB | . | . |
| Yes | 129 | 13.6 |
| No | 819 | 86.4 |
| Missing | 5 | . |
| | . | . |
| Hold FRACGP | . | . |
| Yes | 301 | 31.7 |
| No | 650 | 68.3 |
| Missing | 2 | . |
| | . | . |
| Practice Accredited | . | . |
| Yes | 329 | 35.1 |
| No | 609 | 64.9 |
| 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 | 1481 | 18.24 | 17.1 | 19.4 | 26.60 | 24.9 | 28.3 |
| General & unspecified | 1219 | 15.02 | 14.1 | 15.9 | 21.90 | 20.5 | 23.3 |
| Pregnancy & family planning | 1026 | 12.64 | 11.7 | 13.6 | 18.43 | 17.1 | 19.8 |
| Skin | 868 | 10.69 | 9.8 | 11.5 | 15.59 | 14.3 | 16.8 |
| Female genital system | 765 | 9.42 | 8.6 | 10.3 | 13.74 | 12.5 | 15.0 |
| Digestive | 718 | 8.84 | 8.1 | 9.6 | 12.90 | 11.8 | 14.0 |
| Musculoskeletal | 570 | 7.02 | 6.3 | 7.7 | 10.24 | 9.2 | 11.2 |
| Psychological | 398 | 4.90 | 4.3 | 5.5 | 7.15 | 6.2 | 8.1 |
| Neurological | 333 | 4.10 | 3.6 | 4.6 | 5.98 | 5.3 | 6.7 |
| Urology | 172 | 2.12 | 1.7 | 2.5 | 3.09 | 2.5 | 3.6 |
| Ear | 171 | 2.11 | 1.8 | 2.4 | 3.07 | 2.6 | 3.5 |
| Endocrine & metabolic | 143 | 1.76 | 1.5 | 2.1 | 2.57 | 2.1 | 3.0 |
| Eye | 93 | 1.15 | 0.9 | 1.4 | 1.67 | 1.3 | 2.0 |
| Blood | 62 | 0.76 | 0.6 | 1.0 | 1.11 | 0.8 | 1.4 |
| Circulatory | 57 | 0.70 | 0.5 | 0.9 | 1.02 | 0.8 | 1.3 |
| Social | 42 | 0.52 | 0.4 | 0.7 | 0.75 | 0.5 | 1.0 |
| . | . | . | . | . | . | . | . |
| Subtotal | 8118 | 100.00 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total RFEs | 8118 | 100.00 | . | . | 145.82 | 143.5 | 148.2 |

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 | 441 | 5.43 | 4.9 | 6.0 | 7.92 | 7.1 | 8.7 |
| Oral contraception* | 408 | 5.03 | 4.4 | 5.6 | 7.33 | 6.5 | 8.2 |
| Cough | 338 | 4.16 | 3.7 | 4.6 | 6.07 | 5.3 | 6.8 |
| Prescription all* | 235 | 2.89 | 2.5 | 3.3 | 4.22 | 3.6 | 4.8 |
| Menstrual problems* | 233 | 2.87 | 2.5 | 3.3 | 4.19 | 3.6 | 4.8 |
| Pre/post natal check-up* | 207 | 2.55 | 2.0 | 3.1 | 3.72 | 3.0 | 4.5 |
| Abdominal pain* | 186 | 2.29 | 1.9 | 2.6 | 3.34 | 2.8 | 3.9 |
| Test results* | 186 | 2.29 | 1.9 | 2.7 | 3.34 | 2.8 | 3.9 |
| Upper respiratory infection, acute | 185 | 2.28 | 1.9 | 2.7 | 3.32 | 2.7 | 3.9 |
| Headache | 176 | 2.17 | 1.8 | 2.5 | 3.16 | 2.7 | 3.7 |
| Female genital check-up* | 175 | 2.16 | 1.8 | 2.5 | 3.14 | 2.6 | 3.7 |
| Rash* | 167 | 2.06 | 1.7 | 2.4 | 3.00 | 2.5 | 3.5 |
| Contraception female, other | 144 | 1.77 | 1.4 | 2.1 | 2.59 | 2.1 | 3.1 |
| Preventive immun/vacc/meds-all* | 143 | 1.76 | 1.4 | 2.1 | 2.57 | 2.1 | 3.0 |
| Weakness/tiredness general | 133 | 1.64 | 1.3 | 1.9 | 2.39 | 1.9 | 2.8 |
| Depression* | 130 | 1.60 | 1.3 | 1.9 | 2.34 | 1.9 | 2.8 |
| Back complaint* | 123 | 1.52 | 1.2 | 1.8 | 2.21 | 1.8 | 2.6 |
| Acne | 120 | 1.48 | 1.2 | 1.8 | 2.16 | 1.7 | 2.6 |
| Pregnancy* | 119 | 1.47 | 1.1 | 1.8 | 2.14 | 1.6 | 2.7 |
| Vomiting | 112 | 1.38 | 1.1 | 1.7 | 2.01 | 1.6 | 2.4 |
| Fever | 105 | 1.29 | 1.0 | 1.6 | 1.89 | 1.4 | 2.4 |
| Pain, ear/earache | 98 | 1.21 | 1.0 | 1.4 | 1.76 | 1.4 | 2.1 |
| Nausea | 95 | 1.17 | 0.9 | 1.4 | 1.71 | 1.3 | 2.1 |
| Diarrhoea | 92 | 1.13 | 0.9 | 1.4 | 1.65 | 1.3 | 2.0 |
| Sneezing/nasal congestion | 84 | 1.03 | 0.8 | 1.3 | 1.51 | 1.1 | 1.9 |
| General check-up* | 76 | 0.94 | 0.7 | 1.2 | 1.37 | 1.0 | 1.7 |
| Administrative procedure NOS | 74 | 0.91 | 0.7 | 1.1 | 1.33 | 1.0 | 1.7 |
| Asthma | 73 | 0.90 | 0.7 | 1.1 | 1.31 | 1.0 | 1.6 |
| Vertigo/dizziness | 65 | 0.80 | 0.6 | 1.0 | 1.17 | 0.9 | 1.5 |
| Warts | 65 | 0.80 | 0.6 | 1.0 | 1.17 | 0.9 | 1.5 |
| Observation/health educat/advice/diet pregnancy | 62 | 0.76 | 0.6 | 1.0 | 1.11 | 0.8 | 1.4 |
| Dysuria/painful urination | 59 | 0.73 | 0.5 | 0.9 | 1.06 | 0.8 | 1.3 |
| Swelling* | 55 | 0.68 | 0.5 | 0.9 | 0.99 | 0.7 | 1.2 |
| Neck symptom/complaint | 52 | 0.64 | 0.5 | 0.8 | 0.93 | 0.7 | 1.2 |
| Skin check-up* | 50 | 0.62 | 0.4 | 0.8 | 0.90 | 0.6 | 1.2 |
| Anxiety* | 49 | 0.60 | 0.4 | 0.8 | 0.88 | 0.6 | 1.1 |
| Influenza | 47 | 0.58 | 0.4 | 0.8 | 0.84 | 0.6 | 1.1 |

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

| RFE label | n | % of | | Per 100 encs | Lower 95% CI | Upper 95% CI | |
|---|------|---------------|-----------------|-----------------|-----------------|-----------------|-------|
| | | total RFEs | Lower 95% CI | | | | |
| Vaginal discharge | 46 | 0.57 | 0.4 | 0.7 | 0.83 | 0.6 | 1.1 |
| Knee symptom/complaint | 45 | 0.55 | 0.4 | 0.7 | 0.81 | 0.6 | 1.0 |
| Urinary frequency/urgency | 45 | 0.55 | 0.4 | 0.7 | 0.81 | 0.6 | 1.0 |
| Skin symptom/complaint, other | 44 | 0.54 | 0.4 | 0.7 | 0.79 | 0.6 | 1.0 |
| Observation/health educat/advice/diet NOS | 43 | 0.53 | 0.4 | 0.7 | 0.77 | 0.5 | 1.0 |
| Sleep disturbance | 43 | 0.53 | 0.4 | 0.7 | 0.77 | 0.5 | 1.0 |
| UTI* | 40 | 0.49 | 0.3 | 0.7 | 0.72 | 0.5 | 1.0 |
| Foot/toe symptom/complaint | 40 | 0.49 | 0.3 | 0.6 | 0.72 | 0.5 | 0.9 |
| Genital symptom/complaint, other (female) | 39 | 0.48 | 0.3 | 0.6 | 0.70 | 0.5 | 0.9 |
| Pain, chest NOS | 38 | 0.47 | 0.3 | 0.6 | 0.68 | 0.5 | 0.9 |
| Trauma/injury NOS | 38 | 0.47 | 0.3 | 0.7 | 0.68 | 0.4 | 1.0 |
| Feeling ill | 37 | 0.46 | 0.3 | 0.6 | 0.66 | 0.4 | 0.9 |
| Pain, genital (female) | 36 | 0.44 | 0.3 | 0.6 | 0.65 | 0.4 | 0.9 |
| Follow-up encounter unspecified NOS | 33 | 0.41 | 0.2 | 0.6 | 0.59 | 0.3 | 0.8 |
| Pruritus | 32 | 0.39 | 0.3 | 0.5 | 0.57 | 0.4 | 0.8 |
| Injury musculoskeletal NOS | 30 | 0.37 | 0.2 | 0.5 | 0.54 | 0.3 | 0.7 |
| Shortness of breath/dyspnoea | 30 | 0.37 | 0.2 | 0.5 | 0.54 | 0.3 | 0.8 |
| Naevus/mole | 30 | 0.37 | 0.2 | 0.5 | 0.54 | 0.3 | 0.7 |
| Tonsillitis* | 29 | 0.36 | 0.2 | 0.5 | 0.52 | 0.3 | 0.7 |
| Sinusitis acute/chronic | 29 | 0.36 | 0.2 | 0.5 | 0.52 | 0.3 | 0.7 |
| Acute bronchitis/bronchiolitis | 29 | 0.36 | 0.2 | 0.5 | 0.52 | 0.3 | 0.7 |
| Plugged feeling ear | 28 | 0.34 | 0.2 | 0.5 | 0.50 | 0.3 | 0.7 |
| Acute stress reaction | 28 | 0.34 | 0.2 | 0.5 | 0.50 | 0.3 | 0.7 |
| . | . | . | . | . | . | . | . |
| Subtotal | 5994 | 73.84 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total RFEs | 8118 | 100.00 | . | . | 145.82 | 143.5 | 148.2 |

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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 | 1364 | 18.47 | 17.3 | 19.6 | 24.50 | 23.0 | 26.0 |
| Pregnancy & family planning | 1139 | 15.42 | 14.4 | 16.5 | 20.46 | 19.0 | 21.9 |
| Skin | 915 | 12.39 | 11.5 | 13.3 | 16.44 | 15.2 | 17.7 |
| General & unspecified | 766 | 10.37 | 9.6 | 11.1 | 13.76 | 12.7 | 14.8 |
| Female genital system | 719 | 9.73 | 8.9 | 10.6 | 12.92 | 11.7 | 14.1 |
| Digestive | 513 | 6.95 | 6.3 | 7.6 | 9.22 | 8.4 | 10.0 |
| Musculoskeletal | 508 | 6.88 | 6.2 | 7.6 | 9.13 | 8.2 | 10.0 |
| Psychological | 508 | 6.88 | 6.1 | 7.6 | 9.13 | 8.1 | 10.2 |
| Urology | 187 | 2.53 | 2.1 | 2.9 | 3.36 | 2.8 | 3.9 |
| Neurological | 181 | 2.45 | 2.1 | 2.8 | 3.25 | 2.7 | 3.8 |
| Endocrine & metabolic | 181 | 2.45 | 2.1 | 2.8 | 3.25 | 2.8 | 3.7 |
| Ear | 123 | 1.67 | 1.4 | 2.0 | 2.21 | 1.8 | 2.6 |
| Eye | 92 | 1.25 | 1.0 | 1.5 | 1.65 | 1.3 | 2.0 |
| Circulatory | 84 | 1.14 | 0.9 | 1.4 | 1.51 | 1.2 | 1.8 |
| Blood | 70 | 0.95 | 0.7 | 1.2 | 1.26 | 1.0 | 1.5 |
| Social | 36 | 0.49 | 0.3 | 0.6 | 0.65 | 0.4 | 0.9 |
| . | . | . | . | . | . | . | . |
| Subtotal | 7386 | 100.00 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total problems | 7386 | 100.00 | . | . | 132.67 | 130.6 | 134.8 |

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 | 501 | 6.78 | 6.1 | 7.5 | 9.00 | 8.1 | 9.9 |
| Oral contraception* | 359 | 4.86 | 4.2 | 5.5 | 6.45 | 5.6 | 7.3 |
| Contraception female, other | 269 | 3.64 | 3.1 | 4.1 | 4.83 | 4.2 | 5.5 |
| Depression* | 203 | 2.75 | 2.3 | 3.2 | 3.65 | 3.1 | 4.2 |
| Menstrual problems* | 201 | 2.72 | 2.3 | 3.1 | 3.61 | 3.1 | 4.1 |
| Pregnancy* | 200 | 2.71 | 2.2 | 3.2 | 3.59 | 3.0 | 4.2 |
| Tonsillitis* | 172 | 2.33 | 2.0 | 2.7 | 3.09 | 2.6 | 3.6 |
| Female genital check-up* | 165 | 2.23 | 1.9 | 2.6 | 2.96 | 2.4 | 3.5 |
| UTI* | 164 | 2.22 | 1.9 | 2.6 | 2.95 | 2.5 | 3.4 |
| Pre/post natal check-up* | 159 | 2.15 | 1.6 | 2.7 | 2.86 | 2.2 | 3.6 |
| Asthma | 158 | 2.14 | 1.8 | 2.5 | 2.84 | 2.4 | 3.3 |
| Preventive immun/vacc/meds-all* | 153 | 2.07 | 1.7 | 2.4 | 2.75 | 2.3 | 3.2 |
| Acne | 147 | 1.99 | 1.6 | 2.3 | 2.64 | 2.2 | 3.1 |
| Gastroenteritis* | 140 | 1.90 | 1.6 | 2.2 | 2.51 | 2.1 | 3.0 |
| Acute bronchitis/bronchiolitis | 135 | 1.83 | 1.5 | 2.2 | 2.43 | 2.0 | 2.9 |
| Sinusitis acute/chronic | 131 | 1.77 | 1.4 | 2.1 | 2.35 | 1.9 | 2.8 |
| Viral disease, other/NOS | 123 | 1.67 | 1.3 | 2.0 | 2.21 | 1.8 | 2.7 |
| Dermatitis, contact/allergic | 120 | 1.62 | 1.3 | 1.9 | 2.16 | 1.7 | 2.6 |
| Sprain/Strain* | 115 | 1.56 | 1.3 | 1.9 | 2.07 | 1.7 | 2.5 |
| Warts | 79 | 1.07 | 0.8 | 1.3 | 1.42 | 1.0 | 1.8 |
| Anxiety* | 68 | 0.92 | 0.7 | 1.2 | 1.22 | 0.9 | 1.5 |
| Back complaint* | 62 | 0.84 | 0.6 | 1.1 | 1.11 | 0.8 | 1.4 |
| Allergic rhinitis | 62 | 0.84 | 0.6 | 1.1 | 1.11 | 0.8 | 1.4 |
| Naevus/mole | 62 | 0.84 | 0.6 | 1.1 | 1.11 | 0.8 | 1.4 |
| Weakness/tiredness general | 59 | 0.80 | 0.6 | 1.0 | 1.06 | 0.8 | 1.4 |
| Migraine | 56 | 0.76 | 0.6 | 1.0 | 1.01 | 0.7 | 1.3 |
| General check-up* | 54 | 0.73 | 0.5 | 1.0 | 0.97 | 0.7 | 1.3 |
| Prescription all* | 53 | 0.72 | 0.5 | 0.9 | 0.95 | 0.7 | 1.2 |
| Genital candidiasis (female) | 52 | 0.70 | 0.5 | 0.9 | 0.93 | 0.6 | 1.2 |
| Infectious disease, other/NOS | 51 | 0.69 | 0.5 | 0.9 | 0.92 | 0.6 | 1.2 |
| Drug abuse | 50 | 0.68 | 0.4 | 0.9 | 0.90 | 0.6 | 1.2 |
| Observation/health educat/advice/diet pregnancy | 50 | 0.68 | 0.5 | 0.9 | 0.90 | 0.6 | 1.1 |
| Abdominal pain* | 49 | 0.66 | 0.5 | 0.9 | 0.88 | 0.6 | 1.1 |
| Test results* | 47 | 0.64 | 0.4 | 0.8 | 0.84 | 0.6 | 1.1 |
| Acute stress reaction | 47 | 0.64 | 0.4 | 0.8 | 0.84 | 0.6 | 1.1 |
| Observation/health educat/advice/diet NOS | 45 | 0.61 | 0.4 | 0.8 | 0.81 | 0.6 | 1.1 |
| Respiratory infection, other | 44 | 0.60 | 0.4 | 0.8 | 0.79 | 0.5 | 1.1 |
| Acute otitis media/myringitis | 40 | 0.54 | 0.4 | 0.7 | 0.72 | 0.5 | 0.9 |

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 |
|--|------|---------------------|--------------|--------------|--------------|--------------|--------------|
| Endocrine/metabolic/nutritional disease, other | 39 | 0.53 | 0.4 | 0.7 | 0.70 | 0.5 | 0.9 |
| Conjunctivitis, infectious | 38 | 0.51 | 0.4 | 0.7 | 0.68 | 0.5 | 0.9 |
| Fracture* | 38 | 0.51 | 0.3 | 0.7 | 0.68 | 0.5 | 0.9 |
| Injury skin, other | 38 | 0.51 | 0.3 | 0.7 | 0.68 | 0.4 | 0.9 |
| Pain, muscle | 37 | 0.50 | 0.3 | 0.7 | 0.66 | 0.4 | 0.9 |
| Stomach function disorder | 34 | 0.46 | 0.3 | 0.6 | 0.61 | 0.4 | 0.8 |
| Skin infection, post traumatic | 32 | 0.43 | 0.3 | 0.6 | 0.57 | 0.4 | 0.8 |
| Abnormal test results* | 31 | 0.42 | 0.3 | 0.6 | 0.56 | 0.3 | 0.8 |
| Otitis externa | 31 | 0.42 | 0.3 | 0.6 | 0.56 | 0.3 | 0.8 |
| Headache | 31 | 0.42 | 0.3 | 0.6 | 0.56 | 0.4 | 0.8 |
| Infectious mononucleosis | 30 | 0.41 | 0.2 | 0.6 | 0.54 | 0.3 | 0.8 |
| Injury musculoskeletal NOS | 30 | 0.41 | 0.2 | 0.6 | 0.54 | 0.3 | 0.7 |
| Bursitis/tendonitis/synovitis NOS | 30 | 0.41 | 0.2 | 0.6 | 0.54 | 0.3 | 0.8 |
| Obesity (BMI > 30) | 30 | 0.41 | 0.3 | 0.6 | 0.54 | 0.3 | 0.7 |
| Genital disease, other (female) | 30 | 0.41 | 0.3 | 0.6 | 0.54 | 0.3 | 0.7 |
| Dermatophytosis | 28 | 0.38 | 0.2 | 0.5 | 0.50 | 0.3 | 0.7 |
| Adverse effect medical agent | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.6 |
| Constipation | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.7 |
| Sleep disturbance | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.7 |
| Influenza | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.7 |
| Boil/carbuncle | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.6 |
| Laceration/cut | 26 | 0.35 | 0.2 | 0.5 | 0.47 | 0.3 | 0.7 |
| . | . | . | . | . | . | . | . |
| Subtotal | 5328 | 72.14 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total problems | 7386 | 100.00 | . | . | 132.67 | 130.6 | 134.8 |

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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 | 1135 | 20.39 | 19.2 | 21.6 | 15.37 | 14.4 | 16.3 | 28.51 | 27.0 | 30.0 |
| Contraceptives | 604 | 10.85 | 9.9 | 11.8 | 8.18 | 7.5 | 8.9 | 15.17 | 13.9 | 16.4 |
| CNS | 431 | 7.74 | 6.9 | 8.6 | 5.84 | 5.2 | 6.5 | 10.83 | 9.7 | 11.9 |
| Skin | 286 | 5.14 | 4.5 | 5.8 | 3.87 | 3.4 | 4.4 | 7.18 | 6.3 | 8.1 |
| Respiratory | 273 | 4.90 | 4.2 | 5.6 | 3.70 | 3.1 | 4.3 | 6.86 | 5.9 | 7.8 |
| Psychological | 223 | 4.01 | 3.3 | 4.7 | 3.02 | 2.5 | 3.5 | 5.60 | 4.7 | 6.5 |
| Hormones | 210 | 3.77 | 3.2 | 4.3 | 2.84 | 2.4 | 3.2 | 5.28 | 4.5 | 6.0 |
| Allergy, immune system | 182 | 3.27 | 2.7 | 3.8 | 2.46 | 2.0 | 2.9 | 4.57 | 3.8 | 5.3 |
| Musculoskeletal | 159 | 2.86 | 2.4 | 3.3 | 2.15 | 1.8 | 2.5 | 3.99 | 3.3 | 4.7 |
| Digestive | 118 | 2.12 | 1.7 | 2.6 | 1.60 | 1.3 | 1.9 | 2.96 | 2.4 | 3.6 |
| Ear, nose topical | 97 | 1.74 | 1.4 | 2.1 | 1.31 | 1.0 | 1.6 | 2.44 | 1.9 | 2.9 |
| Eye medications | 60 | 1.08 | 0.8 | 1.3 | 0.81 | 0.6 | 1.0 | 1.51 | 1.1 | 1.9 |
| Blood | 47 | 0.84 | 0.6 | 1.1 | 0.64 | 0.4 | 0.9 | 1.18 | 0.8 | 1.6 |
| Urogenital | 43 | 0.77 | 0.5 | 1.0 | 0.58 | 0.4 | 0.8 | 1.08 | 0.7 | 1.5 |
| Cardiovascular | 38 | 0.68 | 0.5 | 0.9 | 0.51 | 0.3 | 0.7 | 0.95 | 0.6 | 1.3 |
| Nutrition, metabolism | 38 | 0.68 | 0.5 | 0.9 | 0.51 | 0.3 | 0.7 | 0.95 | 0.6 | 1.3 |
| Miscellaneous | 25 | 0.45 | 0.2 | 0.7 | 0.34 | 0.2 | 0.5 | 0.63 | 0.3 | 0.9 |
| Anti neoplastics | 7 | 0.13 | 0.0 | 0.2 | 0.09 | 0.0 | 0.2 | 0.18 | 0.0 | 0.3 |
| Surgical preparations | 5 | 0.09 | 0.0 | 0.2 | 0.07 | 0.0 | 0.1 | 0.13 | 0.0 | 0.2 |
| . | . | . | . | . | . | . | . | . | . | . |
| Subtotal | 3981 | . | . | . | . | . | . | 100.00 | . | . |
| . | . | . | . | . | . | . | . | . | . | . |
| Total Meds | 3981 | 71.51 | 69.0 | 74.1 | 53.90 | 51.9 | 55.9 | 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 total Meds | Lower 95% CI | Upper 95% CI |
|--|------|-----------------|-----------------|-----------------|---------------------|-----------------|-----------------|-----------------------|-----------------|-----------------|
| Contraceptives oral/systemic | 604 | 10.85 | 9.9 | 11.8 | 8.18 | 7.5 | 8.9 | 15.17 | 13.9 | 16.4 |
| Penicillins/Cephalosporins | 369 | 6.63 | 5.9 | 7.3 | 5.00 | 4.5 | 5.5 | 9.27 | 8.3 | 10.2 |
| Broad spectrum penicillins | 299 | 5.37 | 4.7 | 6.1 | 4.05 | 3.5 | 4.6 | 7.51 | 6.6 | 8.5 |
| Other antibiotics | 246 | 4.42 | 3.8 | 5.0 | 3.33 | 2.9 | 3.8 | 6.18 | 5.4 | 7.0 |
| Sex/Anabolic hormones | 164 | 2.95 | 2.5 | 3.4 | 2.22 | 1.9 | 2.6 | 4.12 | 3.5 | 4.7 |
| Topical steroids | 157 | 2.82 | 2.3 | 3.3 | 2.13 | 1.8 | 2.5 | 3.94 | 3.3 | 4.6 |
| Simple analgesics | 148 | 2.66 | 2.2 | 3.2 | 2.00 | 1.6 | 2.4 | 3.72 | 3.1 | 4.4 |
| Immunization | 146 | 2.62 | 2.1 | 3.1 | 1.98 | 1.6 | 2.4 | 3.67 | 3.0 | 4.4 |
| NSAIDs | 145 | 2.60 | 2.2 | 3.1 | 1.96 | 1.6 | 2.3 | 3.64 | 3.0 | 4.3 |
| Antiemetics/Antinauseants | 142 | 2.55 | 2.1 | 3.0 | 1.92 | 1.6 | 2.3 | 3.57 | 2.9 | 4.2 |
| Antidepressants | 141 | 2.53 | 2.0 | 3.0 | 1.91 | 1.5 | 2.3 | 3.54 | 2.9 | 4.2 |
| Bronchodilators/Spasm relaxants | 131 | 2.35 | 1.9 | 2.8 | 1.77 | 1.4 | 2.1 | 3.29 | 2.7 | 3.9 |
| Tetracyclines | 122 | 2.19 | 1.8 | 2.6 | 1.65 | 1.4 | 2.0 | 3.06 | 2.5 | 3.6 |
| Asthma preventives | 96 | 1.72 | 1.3 | 2.1 | 1.30 | 1.0 | 1.6 | 2.41 | 1.9 | 2.9 |
| Compound analgesics | 90 | 1.62 | 1.2 | 2.0 | 1.22 | 0.9 | 1.5 | 2.26 | 1.7 | 2.8 |
| Other skin | 85 | 1.53 | 1.2 | 1.9 | 1.15 | 0.9 | 1.4 | 2.14 | 1.6 | 2.6 |
| Anti-infectives | 62 | 1.11 | 0.8 | 1.4 | 0.84 | 0.6 | 1.1 | 1.56 | 1.2 | 2.0 |
| Topical nasal | 62 | 1.11 | 0.8 | 1.4 | 0.84 | 0.6 | 1.1 | 1.56 | 1.2 | 2.0 |
| Anti-infectives eye | 49 | 0.88 | 0.6 | 1.1 | 0.66 | 0.5 | 0.8 | 1.23 | 0.9 | 1.6 |
| Anti-infectives skin | 43 | 0.77 | 0.5 | 1.0 | 0.58 | 0.4 | 0.8 | 1.08 | 0.7 | 1.4 |
| Haemopoietics | 42 | 0.75 | 0.5 | 1.0 | 0.57 | 0.4 | 0.8 | 1.06 | 0.7 | 1.4 |
| Topical otic | 35 | 0.63 | 0.4 | 0.8 | 0.47 | 0.3 | 0.6 | 0.88 | 0.6 | 1.2 |
| Antianxiety | 35 | 0.63 | 0.4 | 0.9 | 0.47 | 0.3 | 0.7 | 0.88 | 0.6 | 1.2 |
| Antiulcerants | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Antidiarrhoeals | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Sedatives/Hypnotics | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Decongestants/Expectorants/Cold relief | 31 | 0.56 | 0.3 | 0.8 | 0.42 | 0.3 | 0.6 | 0.78 | 0.5 | 1.1 |
| Corticosteroids | 27 | 0.49 | 0.3 | 0.7 | 0.37 | 0.2 | 0.5 | 0.68 | 0.4 | 0.9 |
| Topical vaginal | 27 | 0.49 | 0.3 | 0.7 | 0.37 | 0.2 | 0.5 | 0.68 | 0.4 | 1.0 |
| Narcotic analgesics | 26 | 0.47 | 0.3 | 0.7 | 0.35 | 0.2 | 0.5 | 0.65 | 0.4 | 1.0 |
| Subtotal | 3620 | . | . | . | . | . | . | 90.93 | . | . |
| Total Meds | 3981 | 71.51 | 69.0 | 74.1 | 53.90 | 51.9 | 55.9 | 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 | 496 | 8.91 | 8.1 | 9.7 | 6.72 | 6.1 | 7.3 | 12.46 | 11.3 | 13.6 |
| Amoxicillin | 202 | 3.63 | 3.1 | 4.2 | 2.73 | 2.3 | 3.2 | 5.07 | 4.3 | 5.9 |
| Cephalexin | 148 | 2.66 | 2.2 | 3.1 | 2.00 | 1.7 | 2.3 | 3.72 | 3.1 | 4.3 |
| Paracetamol | 138 | 2.48 | 2.0 | 3.0 | 1.87 | 1.5 | 2.2 | 3.47 | 2.8 | 4.1 |
| Roxithromycin | 124 | 2.23 | 1.8 | 2.7 | 1.68 | 1.3 | 2.0 | 3.11 | 2.5 | 3.7 |
| Salbutamol | 98 | 1.76 | 1.4 | 2.1 | 1.33 | 1.1 | 1.6 | 2.46 | 2.0 | 2.9 |
| Amoxicillin/potass.clavulanate | 97 | 1.74 | 1.4 | 2.1 | 1.31 | 1.0 | 1.6 | 2.44 | 1.9 | 3.0 |
| Cyproterone acetate | 95 | 1.71 | 1.3 | 2.1 | 1.29 | 1.0 | 1.6 | 2.39 | 1.9 | 2.9 |
| Metoclopramide | 93 | 1.67 | 1.3 | 2.1 | 1.26 | 1.0 | 1.5 | 2.34 | 1.8 | 2.9 |
| Doxycycline | 86 | 1.54 | 1.2 | 1.9 | 1.16 | 0.9 | 1.4 | 2.16 | 1.7 | 2.6 |
| Cefaclor monohydrate | 78 | 1.40 | 1.0 | 1.8 | 1.06 | 0.8 | 1.3 | 1.96 | 1.5 | 2.5 |
| Paracetamol/Codeine | 71 | 1.28 | 1.0 | 1.6 | 0.96 | 0.7 | 1.2 | 1.78 | 1.4 | 2.2 |
| Medroxyprogesterone | 62 | 1.11 | 0.8 | 1.4 | 0.84 | 0.6 | 1.1 | 1.56 | 1.1 | 2.0 |
| Norethisterone/Ethinylloestradiol | 62 | 1.11 | 0.8 | 1.4 | 0.84 | 0.6 | 1.1 | 1.56 | 1.2 | 2.0 |
| Penicillin V (phenoxymethyl benz) | 56 | 1.01 | 0.7 | 1.3 | 0.76 | 0.6 | 1.0 | 1.41 | 1.0 | 1.8 |
| Sertraline | 48 | 0.86 | 0.6 | 1.1 | 0.65 | 0.4 | 0.9 | 1.21 | 0.8 | 1.6 |
| Trimethoprim | 45 | 0.81 | 0.5 | 1.1 | 0.61 | 0.4 | 0.8 | 1.13 | 0.8 | 1.5 |
| Mometasone | 44 | 0.79 | 0.5 | 1.0 | 0.60 | 0.4 | 0.8 | 1.11 | 0.8 | 1.4 |
| Prochlorperazine | 43 | 0.77 | 0.5 | 1.0 | 0.58 | 0.4 | 0.8 | 1.08 | 0.7 | 1.4 |
| Betamethasone topical | 43 | 0.77 | 0.5 | 1.0 | 0.58 | 0.4 | 0.8 | 1.08 | 0.8 | 1.4 |
| Chloramphenicol eye | 42 | 0.75 | 0.5 | 1.0 | 0.57 | 0.4 | 0.7 | 1.06 | 0.7 | 1.4 |
| Budesonide topical nasal | 39 | 0.70 | 0.5 | 0.9 | 0.53 | 0.4 | 0.7 | 0.98 | 0.7 | 1.3 |
| Diclofenac sodium systemic | 38 | 0.68 | 0.5 | 0.9 | 0.51 | 0.3 | 0.7 | 0.95 | 0.6 | 1.3 |
| Erythromycin | 37 | 0.66 | 0.5 | 0.9 | 0.50 | 0.3 | 0.7 | 0.93 | 0.6 | 1.2 |
| Penicillin phenoxymethyl potassium | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Minocycline | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Hydrocortisone topical | 32 | 0.57 | 0.4 | 0.8 | 0.43 | 0.3 | 0.6 | 0.80 | 0.5 | 1.1 |
| Hepatitis B vaccine | 30 | 0.54 | 0.3 | 0.7 | 0.41 | 0.3 | 0.6 | 0.75 | 0.5 | 1.0 |
| Budesonide | 29 | 0.52 | 0.3 | 0.7 | 0.39 | 0.2 | 0.5 | 0.73 | 0.5 | 1.0 |
| Metronidazole oral/systemic | 28 | 0.50 | 0.3 | 0.7 | 0.38 | 0.2 | 0.5 | 0.70 | 0.4 | 1.0 |
| . | . | . | . | . | . | . | . | . | . | . |
| Subtotal | 2468 | . | . | . | . | . | . | 61.99 | . | . |
| . | . | . | . | . | . | . | . | . | . | . |
| Total Meds | 3981 | 71.51 | 69.0 | 74.1 | 53.90 | 51.9 | 55.9 | 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 | 56 | 16.23 | 12.3 | 20.1 | 1.01 | 0.7 | 1.3 |
| Referral;dermatologist | 36 | 10.43 | 7.1 | 13.7 | 0.65 | 0.4 | 0.9 |
| Referral;surgeon | 28 | 8.12 | 5.3 | 11.0 | 0.50 | 0.3 | 0.7 |
| Referral;orthopaedic surgeon | 28 | 8.12 | 5.2 | 11.1 | 0.50 | 0.3 | 0.7 |
| Referral;obstetrician | 25 | 7.25 | 4.5 | 10.0 | 0.45 | 0.3 | 0.6 |
| Referral;psychiatrist | 19 | 5.51 | 2.9 | 8.1 | 0.34 | 0.2 | 0.5 |
| Referral;ENT | 18 | 5.22 | 2.9 | 7.6 | 0.32 | 0.2 | 0.5 |
| Referral;clinic/centre | 16 | 4.64 | 2.2 | 7.1 | 0.29 | 0.1 | 0.4 |
| Referral;specialist | 14 | 4.06 | 1.7 | 6.4 | 0.25 | 0.1 | 0.4 |
| Referral;antenatal clinic | 14 | 4.06 | 1.6 | 6.5 | 0.25 | 0.1 | 0.4 |
| . | . | . | . | . | . | . | . |
| Subtotal | 254 | 73.62 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total Referrals to specialists | 345 | 100.00 | . | . | 6.20 | 5.5 | 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 encs | Lower 95% CI | Upper 95% CI |
|--------------------------------|-----|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| Referral;physiotherapy | 47 | 33.57 | 24.9 | 42.3 | 0.84 | 0.6 | 1.1 |
| Referral;psychologist | 18 | 12.86 | 7.2 | 18.6 | 0.32 | 0.2 | 0.5 |
| Referral;dentist | 15 | 10.71 | 5.1 | 16.3 | 0.27 | 0.1 | 0.4 |
| Referral;dietitian/nutrition | 9 | 6.43 | 2.4 | 10.4 | 0.16 | 0.1 | 0.3 |
| Referral;health profess | 6 | 4.29 | 0.9 | 7.6 | 0.11 | 0.0 | 0.2 |
| Referral;drug & alcohol | 6 | 4.29 | 0.3 | 8.2 | 0.11 | 0.0 | 0.2 |
| Referral;optometrist | 4 | 2.86 | 0.1 | 5.6 | 0.07 | 0.0 | 0.1 |
| Referral;family planning | 4 | 2.86 | 0.1 | 5.6 | 0.07 | 0.0 | 0.1 |
| Referral;social worker | 4 | 2.86 | 0.1 | 5.6 | 0.07 | 0.0 | 0.1 |
| Referral;general practitioner | 3 | 2.14 | 0.0 | 4.6 | 0.05 | 0.0 | 0.1 |
| . | . | . | . | . | . | . | . |
| Subtotal | 116 | 82.86 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total Referrals to allied heal | 140 | 100.00 | . | . | 2.51 | 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* | 411 | 16.71 | 14.6 | 18.8 | 7.38 | 6.3 | 8.5 |
| Advice/education* | 378 | 15.37 | 13.5 | 17.3 | 6.79 | 5.9 | 7.7 |
| Counselling - problem* | 253 | 10.28 | 8.7 | 11.8 | 4.54 | 3.8 | 5.3 |
| Counsel/advice - nutrition/weight* | 229 | 9.31 | 8.0 | 10.6 | 4.11 | 3.5 | 4.8 |
| Counselling - psychological* | 170 | 6.91 | 5.7 | 8.1 | 3.05 | 2.5 | 3.6 |
| Sickness certificate* | 161 | 6.54 | 5.1 | 8.0 | 2.89 | 2.2 | 3.6 |
| Advice/education - medication* | 123 | 5.00 | 4.0 | 6.0 | 2.21 | 1.7 | 2.7 |
| Family planning* | 121 | 4.92 | 4.0 | 5.8 | 2.17 | 1.7 | 2.6 |
| Other admin/document* | 104 | 4.23 | 3.3 | 5.2 | 1.87 | 1.4 | 2.3 |
| Reassurance, support | 65 | 2.64 | 1.9 | 3.4 | 1.17 | 0.8 | 1.5 |
| . | . | . | . | . | . | . | . |
| Subtotal | 2015 | 81.91 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total Clinical treatments | 2460 | 100.00 | . | . | 44.19 | 41.2 | 47.2 |

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* | 105 | 17.80 | 14.3 | 21.3 | 1.89 | 1.5 | 2.3 |
| Excision/removal tissue/biopsy/destruction/debridement/cauterisation* | 91 | 15.42 | 12.3 | 18.6 | 1.63 | 1.3 | 2.0 |
| Physical medicine/rehabilitation* | 90 | 15.25 | 11.7 | 18.9 | 1.62 | 1.2 | 2.0 |
| Dressing/pressure/compression/tamponade* | 78 | 13.22 | 10.3 | 16.2 | 1.40 | 1.1 | 1.7 |
| Pregnancy test* | 72 | 12.20 | 9.4 | 15.0 | 1.29 | 1.0 | 1.6 |
| Other therapeutic procedures/surgery NEC* | 49 | 8.31 | 5.7 | 10.9 | 0.88 | 0.6 | 1.2 |
| Repair/fixation-suture/cast/prosthetic device (apply/remove)* | 36 | 6.10 | 4.0 | 8.2 | 0.65 | 0.4 | 0.9 |
| Incision/drainage/flushing/aspiration/removal body fluid* | 21 | 3.56 | 2.0 | 5.1 | 0.38 | 0.2 | 0.5 |
| Urine test* | 16 | 2.71 | 1.3 | 4.2 | 0.29 | 0.1 | 0.4 |
| Physical function test* | 10 | 1.69 | 0.6 | 2.8 | 0.18 | 0.1 | 0.3 |
| | . | . | . | . | . | . | . |
| Subtotal | 568 | 96.27 | . | . | . | . | . |
| | . | . | . | . | . | . | . |
| Total Procedural treatments | 590 | 100.00 | . | . | 10.60 | 9.5 | 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 | | | |
| Group I1 Ultrasound | 158 | 46.47 | 40.6 | 2.84 | 2.3 | 3.3 |
| Group I3 Diagnostic radiology | 152 | 44.71 | 39.0 | 2.73 | 2.2 | 3.2 |
| Group I2 Computerised tomography | 22 | 6.47 | 3.8 | 0.40 | 0.2 | 0.6 |
| Group I4 Nuclear medicine imaging | 5 | 1.47 | 0.2 | 0.09 | 0.0 | 0.2 |
| Group I5 Magnetic resonance imaging | 3 | 0.88 | 0.0 | 0.05 | 0.0 | 0.1 |
| . | . | . | . | . | . | . |
| Subtotal | 340 | 100.00 | . | . | . | . |
| . | . | . | . | . | . | . |
| Total Imaging tests | 340 | 100.00 | . | 6.11 | 5.3 | 6.9 |

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 | 59 | 17.35 | 13.1 | 21.6 | 1.06 | 0.8 | 1.3 |
| Ultrasound;obstetric | 34 | 10.00 | 6.0 | 14.0 | 0.61 | 0.4 | 0.9 |
| X-ray;chest | 26 | 7.65 | 4.7 | 10.6 | 0.47 | 0.3 | 0.7 |
| Ultrasound;breast;F | 18 | 5.29 | 2.9 | 7.7 | 0.32 | 0.2 | 0.5 |
| Ultrasound;abdomen | 15 | 4.41 | 2.3 | 6.6 | 0.27 | 0.1 | 0.4 |
| X-ray;foot/feet | 13 | 3.82 | 1.8 | 5.9 | 0.23 | 0.1 | 0.4 |
| X-ray;knee | 12 | 3.53 | 1.6 | 5.4 | 0.22 | 0.1 | 0.3 |
| X-ray;ankle | 10 | 2.94 | 1.1 | 4.7 | 0.18 | 0.1 | 0.3 |
| X-ray;hand | 9 | 2.65 | 0.9 | 4.4 | 0.16 | 0.1 | 0.3 |
| X-ray;spine;lumbosacral | 7 | 2.06 | 0.5 | 3.6 | 0.13 | 0.0 | 0.2 |
| X-ray;back | 7 | 2.06 | 0.4 | 3.8 | 0.13 | 0.0 | 0.2 |
| CT scan;brain | 7 | 2.06 | 0.6 | 3.5 | 0.13 | 0.0 | 0.2 |
| X-ray;abdomen | 6 | 1.76 | 0.4 | 3.2 | 0.11 | 0.0 | 0.2 |
| X-ray;sinus | 6 | 1.76 | 0.4 | 3.2 | 0.11 | 0.0 | 0.2 |
| CT scan | 5 | 1.47 | 0.2 | 2.7 | 0.09 | 0.0 | 0.2 |
| X-ray;wrist | 5 | 1.47 | 0.2 | 2.8 | 0.09 | 0.0 | 0.2 |
| X-ray;spine;thoracic | 5 | 1.47 | 0.2 | 2.8 | 0.09 | 0.0 | 0.2 |
| X-ray;finger(s)/thumb | 5 | 1.47 | 0.2 | 2.8 | 0.09 | 0.0 | 0.2 |
| Ultrasound;abdomen upper | 4 | 1.18 | 0.0 | 2.3 | 0.07 | 0.0 | 0.1 |
| X-ray;shoulder | 4 | 1.18 | 0.0 | 2.3 | 0.07 | 0.0 | 0.1 |
| . | . | . | . | . | . | . | . |
| Subtotal | 257 | 75.59 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total Imaging tests | 340 | 100.00 | . | . | 6.11 | 5.3 | 6.9 |

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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 | Lower | Upper | |
|----------------------------|------|-----------------|--------|---------|-------|-------|--------|
| | | Pathology tests | 95% CI | | | | 95% CI |
| Microbiology | 598 | 32.24 | 29.0 | 35.5 | 10.74 | 9.3 | 12.2 |
| Chemistry | 554 | 29.87 | 27.2 | 32.5 | 9.95 | 8.7 | 11.2 |
| Haematology | 338 | 18.22 | 16.6 | 19.9 | 6.07 | 5.3 | 6.8 |
| Cytopathology | 194 | 10.46 | 8.9 | 12.0 | 3.48 | 2.9 | 4.0 |
| Infertility/pregnancy test | 64 | 3.45 | 2.6 | 4.3 | 1.15 | 0.9 | 1.4 |
| Other NEC | 59 | 3.18 | 2.3 | 4.1 | 1.06 | 0.8 | 1.4 |
| Immunology | 38 | 2.05 | 1.3 | 2.8 | 0.68 | 0.4 | 0.9 |
| Histopathology | 9 | 0.49 | 0.2 | 0.8 | 0.16 | 0.1 | 0.3 |
| Simple test | 1 | 0.05 | 0.0 | 0.2 | 0.02 | . | . |
| . | . | . | . | . | . | . | . |
| Subtotal | 1855 | 100.00 | . | . | . | . | . |
| . | . | . | . | . | . | . | . |
| Total Pathology tests | 1855 | 100.00 | . | . | 33.32 | 30.6 | 36.1 |

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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 | 261 | 14.07 | 12.8 | 4.69 | 4.1 | 5.3 | |
| Pap smear | 190 | 10.24 | 8.7 | 3.41 | 2.9 | 4.0 | |
| Urine MC&S | 145 | 7.82 | 6.5 | 2.60 | 2.1 | 3.1 | |
| Hormone assay | 103 | 5.55 | 4.3 | 1.85 | 1.4 | 2.3 | |
| Thyroid function | 93 | 5.01 | 4.1 | 1.67 | 1.3 | 2.0 | |
| Liver function | 76 | 4.10 | 3.2 | 1.37 | 1.0 | 1.7 | |
| Ferritin | 75 | 4.04 | 3.1 | 1.35 | 1.0 | 1.7 | |
| Hepatitis serology | 74 | 3.99 | 2.8 | 1.33 | 0.9 | 1.8 | |
| Vaginal swab and C&S | 72 | 3.88 | 2.9 | 1.29 | 1.0 | 1.6 | |
| Infertility/pregnancy | 64 | 3.45 | 2.6 | 1.15 | 0.9 | 1.4 | |
| Chlamydia | 52 | 2.80 | 1.9 | 0.93 | 0.6 | 1.3 | |
| Glucose tolerance | 51 | 2.75 | 2.0 | 0.92 | 0.6 | 1.2 | |
| EUC | 50 | 2.70 | 1.9 | 0.90 | 0.6 | 1.2 | |
| Monospot | 50 | 2.70 | 1.9 | 0.90 | 0.6 | 1.2 | |
| Microbiology; other | 50 | 2.70 | 1.7 | 0.90 | 0.6 | 1.2 | |
| ESR | 44 | 2.37 | 1.7 | 0.79 | 0.6 | 1.0 | |
| Multibiochemical analysis | 39 | 2.10 | 1.4 | 0.70 | 0.5 | 0.9 | |
| HIV | 38 | 2.05 | 1.4 | 0.68 | 0.4 | 0.9 | |
| Venereal disease | 32 | 1.73 | 1.1 | 0.57 | 0.4 | 0.8 | |
| Blood test | 32 | 1.73 | 1.0 | 0.57 | 0.3 | 0.8 | |
| . | . | . | . | . | . | . | |
| Subtotal | 1591 | 85.77 | . | . | . | . | |
| . | . | . | . | . | . | . | |
| Total Pathology tests | 1855 | 100.00 | . | . | 33.32 | 30.6 | 36.1 |