

# National Healthcare Agreement: P48-Rates of services: Hospital procedures, 2010

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# National Healthcare Agreement: P48-Rates of services: Hospital procedures, 2010

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Output measure
<b>Short name:</b>	Rates of services: Hospital procedures, 2010
<b>METEOR identifier:</b>	395095
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 08/06/2011
<b>Description:</b>	Rates at which selected hospital procedures are performed for different population groups and in public and private hospital sectors.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2010)</a> <a href="#">Health</a> , Superseded 08/06/2011
<b>Outcome area:</b>	<a href="#">Hospital and Related Care</a> <a href="#">Health</a> , Standard 07/07/2010 <a href="#">National Health Performance Authority (retired)</a> , Retired 01/07/2016
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: P48-Rates of services: Hospital procedures, 2010 QS</a> <a href="#">Health</a> , Superseded 08/06/2011

## Collection and usage attributes

<b>Population group age from:</b>	All ages, for all procedure types except for Hysterectomy; 15 years of age, for Hysterectomy only
<b>Population group age to:</b>	All ages, for all procedure types except for Hysterectomy; 69 years of age, for Hysterectomy only
<b>Computation description:</b>	<p>Numerator excludes multiple procedures for the same separation within the same procedure group; separations with care type <i>newborn</i> with no qualified days, <i>hospital boarders</i> and <i>posthumous organ procurement</i>.</p> <p>Rates are directly age-standardised to the Australian population as at 30 June 2001.</p> <p>Hysterectomy limited to patients aged 15–69 years.</p> <p>Presented per 1,000 population.</p> <p>The following is a list of the specific ACHI (5th Edn) procedure codes included in the specifications for each of the selected surgical procedure groups.</p>

Procedure	Procedure Codes	Description
Cataract extraction	42698-00	Intracapsular extraction of crystalline lens
	42702-00	Intracapsular extraction of crystalline lens with insertion of foldable artificial lens
	42702-01	Intracapsular extraction of crystalline lens with insertion of other artificial lens
	42698-01	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique
	42702-02	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of foldable artificial lens

	42702-03	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of other artificial lens
	42698-02	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract
	42702-04	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of foldable artificial lens
	42702-05	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of other artificial lens
	42698-03	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract
	42702-06	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of foldable artificial lens
	42702-07	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of other artificial lens
	42698-04	Other extracapsular extraction of crystalline lens
	42702-08	Other extracapsular extraction of crystalline lens with insertion of foldable artificial lens
	42702-09	Other extracapsular extraction of crystalline lens with insertion of other artificial lens
	42731-01	Extraction of crystalline lens by posterior chamber sclerotomy with removal of vitreous
	42698-05	Other extraction of crystalline lens
	42702-10	Other extraction of crystalline lens with insertion of foldable artificial lens
	42734-00	Capsulotomy of lens
	42788-00	Capsulotomy of lens by laser
	42719-00	Capsulectomy of lens
	42731-00	Capsulectomy of lens by posterior chamber sclerotomy with removal of vitreous
	42719-02	Mechanical fragmentation of secondary membrane
	42716-00	Removal of juvenile cataract
	42702-11	Other extraction of crystalline lens with insertion of other artificial lens
	42722-00	Capsulectomy of lens by posterior chamber sclerotomy
Cholecystectomy	30443-00	Cholecystectomy
	30454-01	Cholecystectomy with choledochotomy
	30455-00	Cholecystectomy with choledochotomy and biliary intestinal anastomosis
	30445-00	Laparoscopic cholecystectomy

Coronary artery bypass graft	30446-00	Laparoscopic cholecystectomy proceeding to open cholecystectomy
	30448-00	Laparoscopic cholecystectomy with removal of common bile duct calculus via cystic duct
	30449-00	Laparoscopic cholecystectomy with removal of common bile duct calculus via laparoscopic choledochotomy
	38497-00	Coronary artery bypass, using 1 saphenous vein graft
	38497-01	Coronary artery bypass, using 2 saphenous vein grafts
	38497-02	Coronary artery bypass, using 3 saphenous vein grafts
	38497-03	Coronary artery bypass, using $\geq 4$ saphenous vein grafts
	38497-04	Coronary artery bypass, using 1 other venous graft
	38497-05	Coronary artery bypass, using 2 other venous grafts
	38497-06	Coronary artery bypass, using 3 other venous grafts
	38497-07	Coronary artery bypass, using $\geq 4$ other venous grafts
	38500-00	Coronary artery bypass, using 1 LIMA graft
	38503-00	Coronary artery bypass, using $\geq 2$ LIMA grafts
	38500-01	Coronary artery bypass, using 1 RIMA graft
	38503-01	Coronary artery bypass, using $\geq 2$ RIMA grafts
	38500-02	Coronary artery bypass, using 1 radial artery graft
	38503-02	Coronary artery bypass, using $\geq 2$ radial artery grafts
	38500-03	Coronary artery bypass, using 1 epigastric artery graft
	38503-03	Coronary artery bypass, using $\geq 2$ epigastric artery grafts
	38500-04	Coronary artery bypass, using 1 other arterial graft
	38503-04	Coronary artery bypass, using $\geq 2$ other arterial grafts
Coronary angioplasty	90201-00	Coronary artery bypass, using 1 other material graft, not elsewhere classified
	90201-01	Coronary artery bypass, using 2 other material grafts, not elsewhere classified
	90201-02	Coronary artery bypass, using 3 other material grafts, not elsewhere classified
	90201-03	Coronary artery bypass, using $\geq 4$ other material grafts, not elsewhere classified
	35304-00	Percutaneous transluminal balloon angioplasty of 1 coronary artery
	35305-00	Percutaneous transluminal balloon angioplasty of $\geq 2$ coronary arteries

Cystoscopy	36812-00	Cystoscopy
	36812-01	Cystoscopy through artificial stoma
	36836-00	Endoscopic biopsy of bladder
Haemorrhoidectomy	32138-00	Haemorrhoidectomy
	32132-00	Sclerotherapy for haemorrhoids
	32135-00	Rubber band ligation of haemorrhoids
	32135-01	Destruction of haemorrhoids
Hip replacement	49318-00	Total arthroplasty of hip, unilateral
	49319-00	Total arthroplasty of hip, bilateral
	49324-00	Revision of total arthroplasty of hip
	49327-00	Revision of total arthroplasty of hip with bone graft to acetabulum
	49330-00	Revision of total arthroplasty of hip with bone graft to femur
	49333-00	Revision of total arthroplasty of hip with bone graft to acetabulum and femur
	49339-00	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum
	49345-00	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum and femur
	47522-00	Hemiarthroplasty of femur
Inguinal herniorrhaphy	30614-03	Repair of inguinal hernia, bilateral
	30615-00	Repair of incarcerated, obstructed or strangulated hernia
	30609-03	Laparoscopic repair of inguinal hernia, bilateral
	30614-02	Repair of inguinal hernia, unilateral
	30609-02	Laparoscopic repair of inguinal hernia, unilateral
Knee replacement	49518-00	Total arthroplasty of knee, unilateral
	49519-00	Total arthroplasty of knee, bilateral
	49521-00	Total arthroplasty of knee with bone graft to femur, unilateral
	49521-01	Total arthroplasty of knee with bone graft to femur, bilateral
	49521-02	Total arthroplasty of knee with bone graft to tibia, unilateral
	49521-03	Total arthroplasty of knee with bone graft to tibia, bilateral
	49524-00	Total arthroplasty of knee with bone graft to femur and tibia, unilateral
	49524-01	Total arthroplasty of knee with bone graft to femur and tibia, bilateral
	49527-00	Revision of total arthroplasty of knee
	49530-00	Revision of total arthroplasty of knee with bone graft to femur
	49530-01	Revision of total arthroplasty of knee with bone graft to tibia

	49533-00	Revision of total arthroplasty of knee with bone graft to femur and tibia
	49554-00	Revision of total arthroplasty of knee with anatomic specific allograft. Includes: that of tibia or femur
	49534-00	Total replacement arthroplasty of patellofemoral joint of knee
Lens insertion	42707-00	Replacement of artificial lens
	42710-00	Replacement of artificial lens by posterior chamber insertion and suture to iris and sclera
	42702-00	Intracapsular extraction of crystalline lens with insertion of foldable artificial lens
	42702-01	Intracapsular extraction of crystalline lens with insertion of other artificial lens
	42702-02	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of foldable artificial lens
	42702-03	Extracapsular extraction of crystalline lens by simple aspiration (and irrigation) technique with insertion of other artificial lens
	42702-04	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of foldable artificial lens
	42702-05	Extracapsular extraction of crystalline lens by phacoemulsification and aspiration of cataract with insertion of other artificial lens
	42702-06	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of foldable artificial lens
	42702-07	Extracapsular extraction of crystalline lens by mechanical phacofragmentation and aspiration of cataract with insertion of other artificial lens
	42702-08	Other extracapsular extraction of crystalline lens with insertion of foldable artificial lens
	42702-09	Other extracapsular extraction of crystalline lens with insertion of other artificial lens
	42702-10	Other extraction of crystalline lens with insertion of foldable artificial lens
	42702-11	Other extraction of crystalline lens with insertion of other artificial lens
	42701-01	Insertion of other artificial lens
	42701-00	Insertion of foldable artificial lens
	42731-01	Extraction of crystalline lens by posterior chamber sclerotomy with removal of vitreous
	42731-00	Capsulectomy of lens by posterior chamber sclerotomy with removal of vitreous
	42703-00	Insertion of artificial lens into posterior chamber and suture to iris and sclera
Myringotomy	41626-00	Myringotomy, unilateral

	41626-01	Myringotomy, bilateral
	41632-00	Myringotomy with insertion of tube, unilateral
	41632-01	Myringotomy with insertion of tube, bilateral
Tonsillectomy	41789-00	Tonsillectomy without adenoidectomy
	41789-01	Tonsillectomy with adenoidectomy
Varicose veins stripping and ligation	32508-00	Interruption of sapheno-femoral junction varicose veins
	32508-01	Interruption of sapheno-popliteal junction varicose veins
	32511-00	Interruption of sapheno-femoral and sapheno-popliteal junction varicose veins
	32504-01	Interruption of multiple tributaries of varicose veins
	32505-00	Subfascial interruption of one or more perforating varicose veins.
	32514-00	Reoperation for varicose veins
Septoplasty	41671-02	Septoplasty
	41671-03	Septoplasty with submucous resection of nasal septum
Prostatectomy	37203-00	Transurethral resection of prostate [TURP]
	37201-00	Transurethral needle ablation of prostate [TUNA]
	37203-02	Transurethral electrical vaporisation of prostate
	37207-00	Endoscopic laser ablation of prostate
	37207-01	Endoscopic laser excision of prostate
	37203-03	Cryoablation of prostate
	37203-04	Microwave thermotherapy of prostate
	37203-05	High intensity focused ultrasound [HIFUS] (transrectal) of prostate
	37203-06	Other closed prostatectomy
	37200-03	Suprapubic prostatectomy
	37200-04	Retropubic prostatectomy
	37209-00	Radical prostatectomy
	37210-00	Radical prostatectomy with bladder neck reconstruction
	37211-00	Radical prostatectomy with bladder neck reconstruction and pelvic lymphadenectomy
	37200-05	Other open prostatectomy
	90407-00	Excision of other lesion of prostate
	37224-01	Endoscopic resection of lesion of prostate
	37224-00	Endoscopic destruction of lesion of prostate
Hysterectomy	35653-00	Subtotal abdominal hysterectomy
	35653-01	Total abdominal hysterectomy
	35653-02	Abdominal hysterectomy with unilateral salpingo-oophorectomy

35653-03	Abdominal hysterectomy with bilateral salpingo-oophorectomy
35661-00	Abdominal hysterectomy with extensive retroperitoneal dissection
35670-00	Abdominal hysterectomy with radical excision of pelvic lymph nodes
35667-00	Radical abdominal hysterectomy
35664-00	Radical abdominal hysterectomy with radical excision of pelvic lymph nodes
35657-00	Vaginal hysterectomy
35750-00	Laparoscopically assisted vaginal hysterectomy
35756-00	Laparoscopically assisted vaginal hysterectomy proceeding to abdominal hysterectomy
35673-00	Vaginal hysterectomy with unilateral salpingo-oophorectomy
35673-01	Vaginal hysterectomy with bilateral salpingo-oophorectomy
35753-00	Laparoscopically assisted vaginal hysterectomy with unilateral salpingo-oophorectomy
35753-01	Laparoscopically assisted vaginal hysterectomy with bilateral salpingo-oophorectomy
35756-01	Laparoscopically assisted vaginal hysterectomy proceeding to abdominal hysterectomy with unilateral salpingo-oophorectomy
35756-02	Laparoscopically assisted vaginal hysterectomy proceeding to abdominal hysterectomy with bilateral salpingo-oophorectomy
35667-01	Radical vaginal hysterectomy
35664-01	Radical vaginal hysterectomy with radical excision of pelvic lymph nodes
90450-00	Anterior pelvic exenteration
90450-01	Posterior pelvic exenteration
90450-02	Total pelvic exenteration

**Computation:**

1,000 x (Numerator ÷ Denominator)

Calculated separately for each procedure type.



**Numerator:**

Number of hospital separations involving the following procedures (see above for applicable ACHI (5th Edn) procedure codes):

- (a) Cataract extraction
- (b) Cholecystectomy
- (c) Coronary artery bypass graft
- (d) Coronary angioplasty
- (e) Cystoscopy
- (f) Haemorrhoidectomy
- (g) Hip replacement
- (h) Inguinal herniorrhaphy
- (i) Knee replacement
- (j) Lens insertion
- (k) Myringotomy
- (l) Tonsillectomy
- (m) Varicose veins stripping and ligation
- (n) Septoplasty
- (o) Prostatectomy
- (p) Hysterectomy

**Numerator data elements:****Data Element / Data Set**

[Hospital service—care type, code N\[N\].N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Episode of admitted patient care—procedure, code \(ACHI 5th edn\) NNNNN-NN](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product

**Denominator:**

For procedures (a) to (n): Total population

For procedure (o): Male population

For procedure (p): Female population aged 15–69 years

**Denominator data elements:****Data Element / Data Set****Data Element**

Person—estimated resident population of Australia

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

**Data Element**

Person—estimated resident population of Australia

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data

**Disaggregation data elements:**

**Data Element / Data Set**

[Establishment—organisation identifier \(state/territory\), NNNNN](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product

**Data Element / Data Set**

[Establishment—sector, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product

**Data Element / Data Set**

[Person—area of usual residence, geographical location code \(ASGC 2006\) NNNNN](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**Guide for use**

Data source type: Administrative by-product  
Used for disaggregation by remoteness area and SEIFA of residence

**Comments:**

Specified disaggregation: Nationally and by state/territory (of hospital location): public/private hospital sector, Indigenous status, remoteness area and SEIFA of residence.

Available disaggregation: Nationally and by state/territory (of hospital location): public/private hospital sector, Indigenous status, remoteness area and SEIFA of residence.

Most recent data available for 2010 CRC baseline report: 2007-08.

## Representational attributes

<b>Representation class:</b>	Rate
<b>Data type:</b>	Real
<b>Unit of measure:</b>	Person
<b>Format:</b>	N[N].N

## Indicator conceptual framework

Framework and  
dimensions:

[Accessibility](#)

### Data source attributes

Data sources:

#### Data Source

[ABS Estimated resident population \(total population\)](#)

**Frequency**

Quarterly

**Data quality statement**

[ABS Estimated resident population \(total population\), QS](#)

**Data custodian**

Australian Bureau of Statistics

#### Data Source

[National Hospital Morbidity Database \(NHMD\)](#)

**Frequency**

Annual

**Data custodian**

Australian Institute of Health and Welfare

#### Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Frequency**

Periodic

**Data quality statement**

[ABS Indigenous experimental estimates and projections, QS](#)

**Data custodian**

Australian Bureau of Statistics

### Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible  
for providing data:** Australian Institute of Health and Welfare

**Further data development /  
collection required:** Specification: Long-term.

Work is required to improve the identification of Indigenous Australians within this data.

**Other issues caveats:**

Disaggregation within individual jurisdictions is subject to data quality considerations. Some disaggregations may result in numbers too small for publication.

This indicator provides an indication of the extent to which patients are being provided with particular interventions. It reflects the quality of non-hospital care, access to hospitalisation and access to interventions for those patients who are hospitalised.

Procedures listed are 'selected procedures' in chapter 4 of *Australian Hospital Statistics* and additional indicator procedures from the Elective Surgery Waiting Times National Minimum Data Set (NMDS). The 'selected procedures' have been identified as relating to appropriateness and may also be indicators of accessibility of care. There is capacity for this list to be revised in future as surgical practice and/or policy focus changes.

The quality of data on Indigenous status is not considered to be adequate for analysis purposes for the ACT and Tasmania.

## Relational attributes

**Related metadata references:**

Has been superseded by [National Healthcare Agreement: P148-Rates of services: Hospital procedures, 2011](#)

[Health](#), Superseded 31/10/2011

See also [National Healthcare Agreement: P45-Rates of services: Overnight separations, 2010](#)

[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P46-Rates of services: Outpatient occasions of service, 2010](#)

[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P47-Rates of services: Non-acute care separations, 2010](#)

[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P60-Access to services by type of service compared to need, 2010](#)

[Health](#), Superseded 08/06/2011