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- ARDRG 8.0 Manuals.
- HIPE Portal changes
  - Model changes.
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## ARDRG 8.0



- Latest version of the Australian Refined Diagnosis Related Groups (in Ireland).
- Released 01 July 2015 in Australia.
- Created by the Australian Consortium for Classification Development (ACCD).

## ARDRG 8.0

- The Laeta “Grouper” for the HIPE Portal can group to ARDRG 8.0 at the hospital level since January 2016.
- This version of the grouper will be the default from version 1.20.1 of the HIPE Portal.

## ARDRG 8.0 – Manuals

- A copy has been sent to HIPE Hospitals.
- To be used as a reference for grouping.
- Manual set consist of three volumes
  - Volume 1 ARDRGs A01Z – I18Z.
  - Volume 2 ARDRGs J01A – Z66Z.
  - Volume 3 Appendices.

# ARDRG 8.0 – Manual Goodies



Detail	Page
Abbreviations.	Vol1 Page ix
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Overview of Changes.	Vol1 Page 4
Overview of the Grouping Process.	Vol1 Page 9
Start of MDC flow charts.	Vol1 Page 33
Diagnosis code MDC/ADRG index.	Vol3 Page 1
Procedure code MDC/ADRG index.	Vol3 Page 97
Diagnosis Complexity Levels (DCL) and Episode Clinical Complexity Scores (ECCS).	Vol3 Page 187
Edits.	Vol3 page 209

# ARDRG 8.0 – Comparison 8.0/6.0/5.1



Detail	ARDRG 8.0	ARDRG 6.0	ARDRG 5.1
Starting Date in Ireland.	2005	2009	2015
Number of MDCs.	25	25	25
Number of ARDRGs.	807	698	665
Number of ARDRGs not in previous version.	215	185	-
Number of ARDRGs removed from next version.	-	106	152
Number of ADRGs.	406	399	399
Number of ADRGs not in previous version.	36	22	-
Number of ADRGs removed from next version.	-	7	22

# ARDRG 8.0 – Development



- The overall structure of the ARDRGs has not changed from version to version (In Ireland).
- ARDRG 8.0 represents a significant upgrade of the case complexity methodology.
- Concepts such as PCCL and CCL have been replaced with DCL and ECCS.
- Good News → the Laeta grouper software will deal with this.

# ARDRG 8.0 – Steps for Grouping



## Steps

1. Demographic edits
2. MDC assignment
3. Pre MDC processing
4. ADRG assignment
5. DCL assignment and ECCS scoring
6. DRG assignment

## Where

- Vol3 Page 209  
Vol3 Page 1  
Vol1 Page 35  
Vol1 & Vol2  
Vol3 Page 187  
Individual MDCs

# ARDRG 8.0 – ADRG Assignment



- Using the assigned MDC, go to the relevant chapter in Volume 1 and Volume 2.
- Check that the PDX is correct for the MDC.
- Use the flow chart and individual tables to determine the ADRG.
- The order of the ADRGs are
  - Surgical ADRGs (in decreasing clinical complexity).
  - Other ADRGs.
  - Medical ADRGs.

# ARDRG 8.0 – ARDRG assignment



- New methodology for determining complexity (in grouper).
- More information on Volume 3 – Appendix C.
- Also use the following website  
<https://www.accd.net.au/ArDrg.aspx?page=4>

# ARDRG 6.0 & 8.0 Reporting



- Current HIPE portal can group to ARDRG 8.0 and 6.0.
- The next version of the HIPE portal will have a new feature to allow reporting on both ARDRG 8.0 and 6.0.

# HIPE Portal Reporter Changes



- ABF Model Changes.
- New Options.
- New Reports
- Changed Daycase report.
- Reports updated to reflect ABF terms.

- Main Changes
  - Move to ARDRG 8.0.
  - Move to using ARDRG for daycases instead of ADRG.

## ABF Model in HIPE Portal

- Latest ABF model
  - 2017 price values.
  - 2015 cost values.
- These values are based on ICD-10-AM / ACHI / ACS 8th edition and ARDRG 8.0

# ABF Model in HIPE Portal – Price/Cost



## Cost Values

- The Relative Values determined based on the actual costs for a particular year.

## Price Values

- The Relative Values to be used to pay for activity under ABF for a particular year.

## Retrospective

## Prospective

# ABF Model in HIPE Portal - Settings



- New option is available on the ABF/Casemix option box.
- This is found on the “Report Options” step.

Portal >> Reporter >> Report Options

There are several options depending on your particular requirements. Then click next to continue. Click [here](#) for additional help.

Save Script Organise Output Report Sorting  
Random Selection ABF/Casemix Options Readmission Defn.

**Casemix Options** [X]

Casemix Data Version 2015 Submit  
Casemix Model Version 2015  
Model Year Change over Automatic  
Price  
Cost

<< Previous Next >> Create Close



# HIPE Portal Reporter – New Report Layout



- The casemix reports “group” in the reporter has been changed and re-organised

## ABF Reports

ABF Cost Summary

Daycase Reports

General Reports

Inpatient Reports

# HIPE Portal Reporter – New Report Layout



ABF Cost Summary	Reports on ABF Costs.
Daycase Reports	Reports on ABF Daycases.
General Reports	General DRG/MDC reports and Miscellaneous Reports.
Inpatient Reports	Reports on ABF Inpatients.

# HIPE Portal Reporter – Daycase Reports



- Reports on the ABF daycase model.
- Only daycases are included in reports.
- Examples include
  - Daycase Model Report.
  - Daycase Index Report.
  - ABF daycase by DRG.
  - ABF daycase by MDC.

# HIPE Portal Reporter – Daycase Reports



## HIPE Report Summary 991

Data Source: HIPE Reporting Database Coded: 42 Grouped: 42  
Report: Daycase Model Report Uncoded: 0 Ungrouped: 0  
Sort By: Total: 42

### Selections (1)

The Discharge Date is between 01/01/2016 and 31/12/2016.

### Extra Information

The casemix option used is "Automatic"

The casemix data year used was 2015. The casemix model used was 2015.

2016 prices used for year(s): 2016; 2015 Costs used otherwise

Keyfield	Description	Total	Percentage	Average Length of Stay	Group Day	Daycase RV	Daycase WU
C16Z	Lens Procedures	3	25.00	1.00	10724	2.69	8.08
D67B	Oral and Dental Disorders Except Extractions and Restorations, Sameday	2	16.67	1.00	1430	0.60	1.19
F20Z	Vein Ligation and Stripping	1	8.33	1.00	2723	3.00	3.00
I20Z	Other Foot Procedures	1	8.33	1.00			
I27B	Soft Tissue Procedures W/O CC	1	8.33	1.00	638	3.50	3.50
I68C	Non-surgical Spinal Disorders, Sameday	1	8.33	1.00			

# HIPE Portal Reporter – Inpatient Reports



- Reports on the ABF Inpatient model.
- Only Inpatients are included.
- Examples include
  - DRG & CMI report.
  - CMI only report.
  - ABF Inpatient by DRG.
  - ABF Inpatient by MDC.
  - Mean Outliers.

# HIPE Portal Reporter – Inpatient Reports



## HIPE Report Summary 991

Data Source: HIPE Reporting Database Coded: 42 Grouped: 42  
 Report: ARDRG (DRG and CMI) Uncoded: 0 Ungrouped: 0  
 Sort By: Total: 42

### Selections (1)

The Discharge Date is between 01/01/2016 and 31/12/2016.

### Extra Information

The casemix option used is "Automatic"  
 The casemix data year used was 2015. The casemix model used was 2015.  
 2016 prices used for year(s): 2016; 2015 Costs used otherwise  
 CMI value = 3.56585  
 Casemix Inpatients were used on this report. (Total=30)

Keyfield	Description	Total	Percentage	Average Length of Stay	Group LOS	Group Cases	RV	Total WU
A06C	Ventilation >95 hours W/O Catastrophic CC	1	3.33	74.00	28.02	1228	10.39	16.00
B61A	Spinal Cord Conditions W or W/O OR Procedures W Catastrophic or Severe CC	1	3.33	315.00	28.57	63	5.43	51.85
B82B	Chronic and Unspecified Paraplegia/Quadriplegia W or W/O OR Procs W Severe CC	1	3.33	4.00	13.52	243	2.22	1.60
C02Z	Enucleations and Orbital Procedures	1	3.33	1.00	3.67	105	1.82	1.63

- Examples include
  - Major Diagnostic Category.
  - Adjacent Diagnosis Related Group.
  - Australian Refined Diagnosis Related Group.
  - ABF case type (daycase, sameday, inpatient).

- No automatic selection of Daycases or Inpatients
  - Use selection criteria if needed.
- Reports which do not mention Weighted Units do not implement the ABF Model.

# HIPE Portal Reporter – General Reports



## HIPE Report Summary 991

Data Source: HIPE Reporting Database Coded: 42 Grouped: 42  
Report: ABF Summary Uncoded: 0 Ungrouped: 0  
Sort By: Total: 42

### Selections (1)

The Discharge Date is between 01/01/2016 and 31/12/2016.

### Extra Information

The casemix option used is "Automatic"

The casemix data year used was 2015. The casemix model used was 2015.

2016 prices used for year(s): 2016; 2015 Costs used otherwise

Hospital	Description	Discharge Status	Case Type	cases	WU
991	Internal HIPE hospital	Public	Daycase	12	19.09
991	Internal HIPE hospital	Public	Inpatient Sameday	1	0.12
991	Internal HIPE hospital	Public	Inpatient Overnight	29	106.85
991	Internal HIPE hospital	Public	Total	42	126.07

# HIPE Portal Reporter – Daycase Report



- For ARDRG 8.0, daycase weighted units are based on the complete ARDRG rather than ADRG.
- The daycase model report will show ARDRG when the 2015 casemix model is used and ADRG for earlier models.

- Terminology is updated
  - Renamed “casemix” to “ABF”.
  - Casemix Units have been renamed to Weighted units.

## In Summary

- ARDRG 8.0 is now LIVE for HIPE coding.
- The Structure of the DRG classification has changed – but not in a major way.
- Complete coding is still essential.
- The Manuals are available for reference purposes.
- The HIPE Portal Reporter has been updated.