



# Data Set Specification

## Post Survey Tables

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# Australia and New Zealand Dialysis and Transplant (ANZDATA) Registry Dataset

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## Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset Specification
<i>Registry Identifier:</i>	ANZDATA
<i>DSS type:</i>	Dataset Specification (DSS)
<i>Scope:</i>	The Australia and New Zealand Dialysis and Transplant Registry has been in operation since its inception in 1971 and stores data from 1964. The purpose of the Registry is to record, analyse and report on outcomes of treatment of those people with end stage kidney disease receiving renal replacement therapy treatment and of those such as haemodialysis, peritoneal dialysis and kidney transplantation.

## Relational attributes

<i>Related Metadata references::</i>	See also Australia and New Zealand Organ Donation (ANZOD) Data Dictionary See also Australia and New Zealand Living Kidney Donor (ANZLKD) Data Dictionary
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## Accountability attributes

<i>Organisation/s responsible for providing data:</i>	Australian and New Zealand Renal and Transplant Units
<i>Accountability:</i>	ANZDATA

## Collection and usage attributes

<i>Computation: description:</i>	Data entered into the ANZDATA Registry are used to calculate various statistical indicators such as incidence and prevalence of end stage kidney disease treatment; patient outcome measures such as patient, technique and graft survival; and rates of adverse events such as peritonitis and mortality.
<i>Comments:</i>	Data elements and statistical analyses have evolved over time and where indicated the status of a data element describes whether it is in current use or inactive.

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# Metadata items

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# ANZDATA End Year History

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## Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataEndYearHistory</b>
<i>Historical table name:</i>	EndyrHist
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster is derived from AnzdataCourseOfTreatments and AnzdataCentreTransfers data clusters to provide a snapshot of all patients receiving renal replacement therapy or lost to followup at the end of each calendar year.

## Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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## Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata Item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	PatientId	Integer	Yes	ANZDATA patient ID	EndyrHist.Patient
2	TreatmentCode	Varchar	Yes	Treatment code	EndyrHist.RxCode
3	ParentCentreCode	Varchar	Yes	Parent Centre Code	EndyrHist.HospCode
4	CentreCode	Varchar	Yes	Centre Code	
5	StateCode	Int	Yes	State at end of year	EndyrHist.State
6	Year	Date	No	Year	EndyrHist.Year

## Relational attributes

<i>Related metadata references:</i>	CodeCourseOfTreatment CommonCentres CodeState CommonsCentres
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## Collection and usage attributes

<i>Guide for use:</i>	Data is populated at the end of each survey period.
<i>Implementation start date</i>	<b>25/5/2016</b>
<i>Comments:</i>	This data cluster replaces the historical tables 'EndyrHist' of the legacy 'ORACLE' database.

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## ANZDATA Transplant Analysis Data

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<i>AnzdataTransplantAnalysisData</i>
<i>Historical table/s:</i>	<i>TxData</i>
<i>Registration status:</i>	<i>Active</i>
<i>Description:</i>	<p>This data cluster is derived from AnzdataTransplants, AnzdataCourseOfTreatments and AnzdataPatients tables to provide a starting point for transplant survival analyses.</p> <p>Graft loss is defined as permanent return to dialysis, re-transplantation or death. Time to graft loss is recorded in the transplantperiod variable, and graft status in the transplantstatus. The event at the end of transplantperiod is recorded in endtransplantcode</p>

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	transplantid	Integer	No	Transplant ID	
2	patientid	Integer	Yes	ANZDATA patient ID	Txdata.Patient
3	graftno	Integer	Yes	Graft No	Txdata.Graftno
4	donorsourcecode	Integer	No	Donor source code	Txdata.donsourc
5	donorsourceother	Nvarchar	Yes	Donor source - other	
6	transplantdate	Date	Yes	Transplant date	Txdata.TxDate
7	endtransplantcode	Varchar	Yes	Transplant end code	Txdata.EndTxCode
8	endtransplantdate	Date	Yes	Transplant end date	Txdata.EnTxDate
9	lastknownstatus	Varchar	Yes	Last known status	Txdata.LastCode
10	lastfollowupdate	Date	Yes	Last follow up date	Txdata.LastDate
11	ageattransplant	Integer	Yes	Age at transplant	Txdata.Age
12	transplantstatus	Integer	No	Transplant status	Txdata.TxStatus

13	transplantperiod	Integer	No	Graft survival time	Txdata.TxPeriod
14	alivestatus	Integer	No	Alive status	Txdata.Lstatus
15	aliveperiod	Integer	No	Patient survival time	Txdata.LPeriod
16	hlamismatchesa	Integer	No	Hla mismatches A	Txdata.MisA
17	hlamismatchesb	Integer	No	Hla mismatches B	Txdata.MisB
18	hlamismatchesdr	Integer	No	Hla mismatches DR	Txdata.MisDR
19	hlamismatchesdq	Integer	No	Hla mismatches DQ	Txdata.MisDQ

## Relational attributes

*Related metadata references:* AnzdataTransplants

## Collection and usage attributes

*Guide for use:* Data is populated at the end of each survey period.

*Implementation start date* **25/5/2016**

*Comments:* This data cluster replaces some or all data elements in the historical tables 'TXDATA' of the legacy 'ORACLE' database.



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## ANZDATA Last Treatment

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataLastTreatment</b>
<i>Historical table/s:</i>	LastRx
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster contains the last known status of each patient, as at the last census date. This table derives from AnzdatacourseOfTreatments data cluster.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable Label</i>	<i>Historical item</i>
1	patientid	Integer	Yes	Patient ID	LastRx.Patient
2	sequenceno	Integer	No	Sequence No	LastRx.SequNo
3	treatmentsequenceno	Ineteger	No	Treatment Sequence No	LastRx.RxSeq
4	treatmentcode	Varchar	No	Treatment Code	LastRx.RxCode
5	treatmentdate	Datetime	No	Treatment Date	LastRx.RxDate
6	lastsequenceno	Integer	No	Last Sequence No	LastRx.LastSeq
7	lastknownstatus	Varchar	No	Last Known Status	LastRx.Last
8	lastfollowupdate	Date		Last Followup Date	LastRx.DateDeath

### Relational attributes

<i>Related metadata references:</i>	AnzdataCourseOfTreatments
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### Collection and usage attributes

<i>Guide for use:</i>	Data is populated as at the last census date, based on the AnzdataCourseOfTreatments data cluster.
<i>Implementation start date</i>	<b>25/5/2016</b>
<i>Comments:</i>	This data cluster replaces some or all data elements in the historical table 'LastRx' of the legacy 'ORACLE' database.

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## ANZDATA Last Treatment History

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataLastTreatmentHistory</b>
<i>Historical table name:</i>	LastRxHist
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster contains the last known status of each patient at the end of each census date. This table derives from AnzdatacourseOfTreatments data cluster.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable Label</i>	<i>Historical item</i>
1	patientid	Integer	Yes	Patient ID	Patient
2	surveyperiodid	Integer	No	Survey period Id	LastRxHist.survey
3	sequenceno	Integer	No	Sequence No	LastRxHist.sequeno
4	treatmentsequenceno	Integer	No	Transfer sequence number	LastRxHist.rxseq
5	treatmentcode	Varchar	Yes	Treatment code at last followup	LastRxHist.rxcode
6	treatmentdate	Date	No	Treatment date	LastRxHist.rxdate
7	lastsequenceno	Integer	No	Last sequence no	LastRxHist.lastseq
8	lastknownstatus	Nvarchar	No	Last known status	LastRxHist.last
9	lastfollowupdate	Date	No	Last follow-up date	LastRxHist.datdeath
10	enddate	Date	No	End date	LastRxHist.enddate

## Relational attributes

*Related metadata references:*

AnzdataCourseOfTreatments

## Collection and usage attributes

*Guide for use:*

Data is populated at the end of each survey period based on the AnzdataCourseOfTreatments data cluster.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces some or all data elements in the historical tables 'LASTRXHIST' of the legacy 'ORACLE' database.

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## ANZDATA Course of Treatments Centres

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataCourseOfTreatmentsCentres</b>
<i>Historical table name/s:</i>	RxHospSeq
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster provides a longitudinal history of the treatments patients received and where they received them. This is a derived data cluster from AnzdataCentreTransfers and AnzdataCourseOfTreatments data clusters.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable Label</i>	<i>Historical item</i>
1	patientid	Integer	Yes	Patient ID	RxHospSeq.patient
2	treatmentcentresequenceno	Integer	No	Treatment Centre Sequence No	RxHospSeq.rxhospseq
3	parentcentrecode	Nvarchar	Yes	Parent Centre Code	RxHospSeq.hospcode
4	centrecode	Nvarchar	Yes	Centre Code	
5	statecode	Nvarchar	Yes	State Code	RxHospSeq.state
6	treatmentcode	Nvarchar	Yes	Treatment Code	RxHospSeq.rxcode
7	graftno	Integer	No	Graft No	RxHospSeq.graftno
8	startdate	Date	No	Start Date	RxHospSeq.startdate
9	enddate	Date	No	End Date	RxHospSeq.enddate

## Relational attributes

*Related metadata references:*

AnzdataCourseOfTreatments  
CommonCentres  
AnzdataCentreTransfers

## Collection and usage attributes

*Guide for use:*

Data is derived from the AnzdataCourseOfTreatments and AnzdataCentreTransfers at the end of the survey period.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'HISTORY' of the legacy 'ORACLE' database.

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## Transplant Key Deceased Kidney Donor

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>TransplantKeyDeceasedKidneyDonor</b>
<i>Historical table name:</i>	V_GraftDonor
<i>Registration status:</i>	Active
<i>Description:</i>	This data set cluster contains deceased donor grafts in AnzdataTransplants table linked with relevant ANZOD Donor ID's.

### Source or reference attributes

*Submitting Organisation:* ANZDATA Registry

### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	PatientId	Integer	Yes	ANZDATA patient ID	V_graftdonor.patient
2	TransplantId	Integer	Yes	Transplant ID	
3	GraftNo	GraftNo	No	Graft No	V_graftdonor.graftno
4	DonorId	Integer	Yes	Donor ID	V_graftdonor.donorid

### Relational attributes

*Related metadata references:* AnzodDestination  
AnzdataTransplants

### Collection and usage attributes

*Guide for use:* This data cluster is derived from AnzdataTransplants and AnzodDestination data clusters.

*Implementation start date* **25/5/2016**

*Comments:* This data cluster replaces the historical table 'V\_GraftDonor' of the legacy 'ORACLE' database.

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## Transplant Key Living Kidney Donor

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### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>TransplantKeyLivingKidneyDonor</b>
<i>Historical table name:</i>	V_GraftLiveDonor
<i>Registration status:</i>	Active
<i>Description:</i>	This data set cluster contains living donor grafts in AnzdataTransplants table linked with relevant Living Kidney Donor ID's.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata Item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	PatientId	Integer	Yes	Patient ID	V_graftlivedonor.patient
2	GraftNo	Integer	No	Graft No	V_graftlivedonor.graftno
3	TransplantId	Integer	Yes	Transplant ID	
4	LivingDonorId	Integer	Yes	Living Donor ID	
5	LivingDonorNumber	Nvarchar	No	Living Donor Number	V_graftlivedonor.donnumber

### Relational attributes

<i>Related metadata references:</i>	AnzdataTransplant LKDonorDetails
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### Collection and usage attributes

<i>Guide for use:</i>	This data cluster is derived from AnzdataTransplants and LKDonorDetails data clusters.
<i>Implementation start date</i>	<b>25/5/2016</b>
<i>Comments:</i>	This data cluster replaces the historical table 'V_GraftLiveDonor' of the legacy 'ORACLE' database.

## ANZDATA Peritoneal Dialysis Data 30

### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataPeritonealDialysisData30</b>
<i>Historical table name:</i>	'PDDATA30'
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster contains information of PD treatment episodes which is used for analysis of PD technique survival.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	Patientid	Integer	No	Patient ID	PDData30.patient
2	SequenceNo	Integer	Yes	Sequence No	PDData30.sequeno
3	PdSequenceNo	Integer	Yes	PD Sequence No	PDData30.pdseq
4	ParentcentreCode	Nvarchar	Yes	Parent hospital where started PD sequence	PDData30.hospcode
5	CentreCode	Nvarchar	No	Hospital where started this PD sequence	
6	PdstateCode	Nvarchar	No	State where started PD	PDData30.pdstat
7	PdDate	Date	No	PD Date	PDData30.pddate
8	EndpdDate	Date	Yes	Date PD sequence ended	PDData30.endpddate
9	PdPeriod	Integer	No	Days on PD	PDData30.pdperiod
10	PdStatus	Bit	No	PD outcome	PDData30.pdstatus
11	PdOutcome	Integer	Yes	Detailed PD outcome	PDData30.pdoutcome
12	Reason	Integer	Yes	Reason for stopping PD	PDData30.reason
13	Reasonothr	Nvarchar	Yes	Other reason for stopping PD	PDData30.reasonothr
14	AlivePeriod	Integer	Yes	Patient survival time (days)	PDData30.lperiod
15	AliveStatus	Bit	No	Vital status at last follow-up	PDData30.lstatus



## Relational attributes

*Related metadata references:*

AnzdataCourseOfTreatments  
CodeChangeTreatmentReason

## Collection and usage attributes

*Guide for use:*

This data cluster is derived from AnzdataCourseOfTreatments data clusters.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'PDDATA30' of the legacy 'ORACLE' database.

## ANZDATA Peritoneal Dialysis Data 180

### Identifying and definitional attributes

<i>Metadata item type:</i>	Dataset specifications
<i>DSS type:</i>	Data element cluster
<i>Table name:</i>	<b>AnzdataPeritonealDialysisData180</b>
<i>Historical table name:</i>	'PDDATA180'
<i>Registration status:</i>	Active
<i>Description:</i>	This data cluster contains information of PD treatment episodes which is used for analysis of PD technique survival.

### Source or reference attributes

<i>Submitting Organisation:</i>	ANZDATA Registry
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### Metadata items in this Data Set Specifications

<i>Item</i>	<i>Metadata Item</i>	<i>Data Type</i>	<i>Reference</i>	<i>Variable label</i>	<i>Historical item</i>
1	patientid	Integer	No	Patient ID	PDData30.patient
2	sequenceno	Integer	Yes	Sequence No	PDData30.sequeno
3	pdSequenceno	Integer	Yes	PD Sequence No	PDData30.pdseq
4	parentcentrecode	Nvarchar	Yes	Parent hospital where started PD sequence	PDData30.hospcode
5	centrecode	Nvarchar	No	Hospital where started this PD sequence	
6	pdstatecode	Nvarchar	No	State where started PD	PDData30.pdstat
7	pddate	Date	No	PD Date	PDData30.pddate
8	endpddate	Date	Yes	Date PD sequence ended	PDData30.endpddate
9	pdperiod	Integer	No	Days on PD	PDData30.pdperiod
10	pdstatus	Bit	No	PD outcome	PDData30.pdstatus
11	pdoutcome	Integer	Yes	Detailed PD outcome	PDData30.pdoutcome
12	reason	Integer	Yes	Reason for stopping PD	PDData30.reason
13	reasonothr	Nvarchar	Yes	Other reason for stopping PD	PDData30.reasonothr
14	aliveperiod	Integer	Yes	Patient survival time (days)	PDData30.lperiod
15	alivestatus	Bit	No	Vital status at last follow-up	PDData30.lstatus

## Relational attributes

*Related metadata references:*

AnzdataCourseOfTreatments  
CodeChangeTreatmentReason

## Collection and usage attributes

*Guide for use:*

This data cluster is derived from AnzdataCourseOfTreatments data clusters.

*Implementation start date*

**25/5/2016**

*Comments:*

This data cluster replaces the historical table 'PDDATA180' of the legacy 'ORACLE' database.