

Mental Health Data Collection

MHIS/MIND Data Element Concordance

July 2021

Mental Health Information System (MHIS) ambulatory data elements (1966 – 30 June 2005) and Mental Health Information Data Collection (MIND) ambulatory data elements (01 July 2005 – present)

Contact: MentalHealthData@health.wa.gov.au

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
Patient Information								
Aboriginal Status	pt_ethnicity_code	Self-reported measure as to whether a person identifies themselves as Aboriginal and/or Torres Strait Islander	1=Indigenous – Aboriginal but not TSI 2=Indigenous – TSI but not Aboriginal 3=Indigenous – Aboriginal and TSI 4=Not Indigenous – not Aboriginal or TSI 9=Not stated	1966-2005	Data missing or unknown for up to 6% of people.	Null = Not specified 1=Aboriginal but not Torres Strait Islander origin 2=Torres Strait Islander but not Aboriginal origin 3=Both Aboriginal and Torres Strait Islander origin 4=Neither Aboriginal nor Torres Strait Islander origin 9=Not stated/inadequately described	2005-Present	
Age On Contact	pt_age_on_contact	Age of individual on date of contact	Numeric (0-XXX) eg. 34	1966-2005	N/A	Numeric (0-XXX) eg. 34	2005-Present	
Country of Birth	pt_country_of_birth	Country of birth of the client coded to National Standards.	SACC classification (Numeric) eg. 1101=Australia	1966-2005	Data missing or unknown for up to 5% of people.	SACC classification (Numeric) eg. 1101=Australia	2005-Present	
Date of Birth Subset: Month & Year Subset: Year	pt_date_of_birth (dobmmyy)	Date of Birth of client: Birth month and year Year of birth	MMYYYY eg. JUN1999 YYYY eg. 1999	1966-2005	N/A	MMYYYY eg. 061999 YYYY eg. 1999	2005-Present	
Employment Status	pt_employment_status_code	Employment status at time of admission	0='Student' 1='Employed' 2='Full Time Employment' 3='Part Time Employment' 4='Supporting Parent Pension' 5='Unemployment Benefit' 6='Pensioner (Undefined)' 7='Aged Pension' 8='Repatriation Pension' 9='Invalid Pension' 10='Other Pension/Benefit'	1967-2005	Recording improves over time. (Maximum 40% missing from 1986).	Null=Not specified 1=Child not at school 2=Student 3=Employed 4=Unemployed 5=Home duties 6=Retired 7=Pensioner 8=Other 9999=Pas Error	2005-Present	

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
			11='Sheltered Employment' 12='Sickness Benefit' 13='Home Duties' 14='Disability Pension' 15='Workers Compensation' 16='Veteran Affairs' 17='Carers Pension' 18='Homeless Allowance' 19='Self Employed' 20='Ward Of State' 21='Prisoner' 22='No Pension/Superannuation' 23='Child Not At School' 24='Retired' 25='Other' 999='Unknown'					
Health Region of Residency	res_ahs	Health Service of residency	1=North Metro 2=South Metro 3=East Metro 4=Kimberley 5=Pilbara 6=Midwest 7=Wheatbelt 8=Goldfields 9=Great Southern 10=South West 99=Other	1966-2005	Only recorded for up to 20% people prior to 1991 due to poorly recorded postcode data. Mapping applied retrospectively.	1=North Metro 2=South Metro 3=East Metro 4=Kimberley 5=Pilbara 6=Midwest 7=Wheatbelt 8=Goldfields 9=Great Southern 10=South West 99=Other	2005-Present	Mapping applied retrospectively.
Health Service District	district_code	WA health region providing the service (e.g. North, South, East, Goldfields, Great Southern).	11=NORTH METRO 12=EAST METRO 13=SOUTH METRO 14=WOMEN'S AND CHILDREN'S HEALTH SERVICES 16=WOMEN AND NEWBORN HEALTH SERVICE 21=KIMBERLEY	1966-2005	There are historical records which cannot be mapped to a health service district. Where necessary, historical mapping of units to districts was performed, which may not reflect current WA health regions.	11=NORTH METRO 12=EAST METRO 13=SOUTH METRO 14=WOMEN'S AND CHILDREN'S HEALTH SERVICES 15=CHILD AND ADOLESCENT HEALTH SERVICE (CAHS) 16=WOMEN AND NEWBORN HEALTH SERVICE	2005-Present	

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
			22=PILBARA 24=MIDWEST AND MURCHISON / GASCOYNE 25=WHEATBELT 26=GREAT SOUTHERN 27=GOLDFIELDS AND SOUTH EAST 28=SOUTH WEST Null = 'Missing'			21=KIMBERLEY 22=PILBARA 24=MIDWEST AND MURCHISON / GASCOYNE 25=WHEATBELT 26=GREAT SOUTHERN 27=GOLDFIELDS AND SOUTH EAST 28=SOUTH WEST		
Marital Status	pt_marital_status_code	Marital status at time of admission	1=Never Married 2=Widowed 3=Divorced 4=Separated 5=Married (registered & de facto, including same-sex couples) 6=Unknown	1968-2005	Unreliable prior to 1970. Up to 10% missing from 1970.	Null=Not specified 1=Never Married 2=Widowed 3=Divorced 4=Separated 5=Married (registered & de facto, including same-sex couples) 6=Unknown	2005-Present	
Postcode	pt_residential_postcode	Postcode of residence	Numeric (XXXX)	1966-2005	Completeness improves over time. At least 50% recorded from 1988.	Numeric (XXXX)	2005-Present	
Sex	pt_sex_code	Sex of client	1 = Male 2 = Female 3 = Indeterminate 4 = Not Stated 9 = Not Stated	1966-2005	N/A	Null = Not specified 1 = Male 2 = Female 3 = Intersex or Indeterminate 9 = Not stated / inadequately described	2005-Present	N/A
Service Event Data Elements								
Activation Principal Diagnosis Code	diag_adm_principal_code	Principal diagnosis code collected at activation (commencement of community/ambulatory episode).	International Classification of Diseases Codes	1966-2005	NA	International Classification of Diseases Codes	2005-Present	
Activation Principal Diagnosis ICD version	diag_adm_principal_ICD	ICD diagnosis system used for activation principal diagnosis.	Character value	1966-2005		Character value	2005-Present	
Associate Present at Contact	sc_associate_present	Were any associates (e.g. carer/personal support person/parent) present at the contact?	1=associate present 0=associate not present	1 July 2002 – 30 June 2005		1=Associate(s) present 0=Associate(s) not present	2005-Present	

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
Contact Type	conttype_code	Type of contact	1='Family' 2='DNA' 3='Liaison' 4='Travel' 5='Administration' 6='Clinical' 7='Client Related' 8='NOCC' 9='Undefined'	1996-2005	Not collected until LAMHIS system in 1996.	NOT AVAILABLE IN MIND	NOT AVAILABLE IN MIND	NOT AVAILABLE IN MIND
Deactivation Principal Diagnosis Code	diag_disch_principal_code	Principal diagnosis code collected at deactivation (conclusion of community/ambulatory episode).	International Classification of Diseases Codes	1966-2005	NA	International Classification of Diseases Codes	2005-Present	
Deactivation Principal Diagnosis ICD version	diag_disch_principal_ICD	ICD diagnosis system used for deactivation principal diagnosis.	Character value	1966-2005		Character value	2005-Present	
Duration of Contact	sc_duration	Length of time for service contact	Numeric (0-XXX) eg. 60	1996-2005	N/A	Numeric (0-XXX) eg. 60	2005-Present	
Medium of Contact	sc_medium_code	Medium in which the contact was delivered	1='FACE TO FACE' 2='BY PHONE' 3='BY VIDEOLINK' 4='NOT APPLICABLE' 5='FACE TO FACE' 6='BY PHONE' 7='BY VIDEOLINK' 8='NOT APPLICABLE' 9='UNKNOWN'	2003-2005	Not collected until PSOLIS in 2003.	1='FACE TO FACE' 2='BY PHONE' 4='NOT APPLICABLE' 5='FACE TO FACE' 6='BY PHONE' 7='BY VIDEOLINK' 8='NOT APPLICABLE' 9='EMAIL' 10='OTHER ELECTRONIC'	2005-Present	Medium is recorded at the service event item level. Therefore analysis of medium at the service contact level may lead to biases.
Outcome	deact_outcome_code	Treatment completed, referred to another service, client did not attend, ect.	1='TREATMENT HAS BEEN COMPLETED' 2='CLIENT HAS MOVED TO ANOTHER AREA' 3='CLIENT HAS BEEN REFERRED TO ANOTHER SERVICE' 4='OTHER REASONS' 5='PATIENT STOPPED COMING' 6='CLERICAL CLOSURE' 7='DID NOT ATTEND' 8='DIED'	1970-2005	A value will only be recorded where the client has been discharged from the program.	1 = Discharge/Transfer to hospital 2 = Discharge to home 3 = Program transfer 5 = Discharge from leave 15 = Restructure 16 = Police MH 101 = Treatment has been completed 102 = Client has moved to another area 103 = Referred to other service	2005-Present	A value will only be recorded where the client has been discharged from the program.

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
			9='NO IMPROVEMENT OR REGRESSION - STABLE' 10='ONE OFF ASSESSMENT' 11='MHIS RECORDING MANAGEMENT' 12='CLINIC CLOSED' 13='MHIS ADMINISTRATIVE TRANSFER' 15='CAHS RESTRUCTURE' MISSING = EPISODE STILL ACTIVE 16=POLICE MH			104 = Other 105 = Client Stopped coming/Did not attend 106 = Deceased 107 = One off assessment 'MISSING' = EPISODE STILL ACTIVE		
Patient Present at Contact	sc_client_present	Was the client present at the contact?	1=client present 2=client non present	1966-2005	N/A	1=client present 0=client not present	2005-Present	
Service Category	se_category_code	Category of service event	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	1=Triage 2=Pre admission 3=Active 4=Post discharge 6=Pre referral	2005-Present	
Stream Type	stream_type_code	Mental Health services grouped into Child & Adolescent, Adult, Seniors	1=CAMHS 2=ADULT 3=ELDERLY	1966-2005	N/A	1=CAMHS (Child and adolescent) 2=ADULT 3=ELDERLY	2005-Present	
Time of Contact	contact_time	Time of day contact began	HH:MM:SS eg. 18:30:00	2003-2005	Time stamp not available until PSOLIS.	HH:MM:SS eg. 18:30:00	2005-Present	
Triage Outcome	triage_outcome_code	Client's presenting problem at triage	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	NULL=Not Specified 1=TO BE ADMITTED TO SERVICE 2=REFERRED ON 3=NO FURTHER ACTION 4=INFORMATION ONLY 5=PLACED TO WAITLIST 6=COMMUNITY VISIT INITIATED 8=REFERRED TO CLINICAL INTAKE 9=UNABLE TO COMPLETE	2005-Present	Only available where the service category is 'triage'.
Triage Presenting Complaint	triage_present_complaint_code	Client's presenting problem at triage	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	1=RELATIONSHIP/FAMILY PROBLEM 2=SOCIAL INTERPERSONAL (OTHER THAN FAMILY PROBLEM)	2005-Present	Only available where the service category is 'triage'.

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
						3=PROBLEMS COPING WITH DAILY ROLES AND ACTIVITIES 4=SCHOOL PROBLEMS 5=PHYSICAL PROBLEMS 6=EXISTING MENTAL ILLNESS - EXACERBATION 7=EXISTING MENTAL ILLNESS - CONTACT/INFORMATION ONLY 8=EXISTING MENTAL ILLNESS - ALTERATION IN MEDICATION/TREATMENT REGIME 9=DEPRESSED MOOD 10=GRIEF/LOSS ISSUES 11=ANXIOUS 12=ELEVATED MOOD AND/OR DISINHIBITED BEHAVIOUR 13=PSYCHOTIC SYMPTOMS 14=DISTURBED THOUGHTS, DELUSIONS ETC 15=PERCEPTUAL DISTURBANCES 16=PROBLEMATIC BEHAVIOUR 17=DEMENTIA RELATED BEHAVIOURS 18=RISK OF HARM TO SELF 19=RISK OF HARM TO OTHERS 20=ALCOHOL/DRUGS 21=AGGRESSIVE/THREATENING BEHAVIOUR 22=LEGAL PROBLEMS 23=EATING DISORDER 24=SEXUAL ASSAULT 25=SEXUAL ABUSE 26=ASSAULT VICTIM 27=HOMELESSNESS 28=ACCOMMODATION PROBLEMS 29=INFORMATION ONLY 30=OTHER 31=MOOD DISTURBANCE		

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
						32=ADVERSE DRUG REACTION 33=MEDICATION 34=DEPOT INJECTION 35=DELIBERATE SELF HARM 36=SUICIDAL IDEATION 41=CULTURAL ISSUES NULL=Not Specified		
Triage Severity	triage_severity_code	Client's severity of the triage service event	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	NOT AVAILABLE IN MHIS	A=Immediate B=Within 2 hours C=Within 12 hours D=Within 48 hours E=Within 2 weeks EM=Emergency F=Requires further triage contact / follow up G=No further action L1=Level 1 - Immediate L2=Level 2 – Rapid (within 2 hours) L3=Level 3 – Prompt (within 8 hours) L4=Level 4 – Timely (within 2 days) L5=Level 5 – Standard (within 1 week) R=Routine U=Urgent Null=Not specified	2005-Present	Only available where the service category is 'triage'.
Venue of Contact	venue_code	Location where the contact occurred	101 = 'Clinic' 102 = 'Community Centre' 103 = 'Court' 104 = 'Education Facility' 105 = 'Emergency Dept' 106 = 'Entertainment Venue' 107 = 'General Hospital' 108 = 'GP Surgery' 109 = 'Group Home' 110 = 'Home/Private Dwelling'	1996-2005	Not collected until LAMHIS system in 1996.	1 = Clinic 2 = Community Centre 3 = Court 4 = Education Facility 5 = Emergency Department 6 = Entertainment Venue 7 = General Hospital 8 = GP Surgery 9 = Group Home 10 = Home/Private Dwelling	2005-Present	Venue is recorded at the service event item level. Therefore analysis of venues at the service contact level may lead to biases.

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
			111 = 'Hostel' 112 = 'Inhouse School' 113 = 'Lockup' 114 = 'Nursing Home' 115 = 'Police Station' 116 = 'Prison' 117 = 'Psychiatric Hosp' 118 = 'Public Space' 119 = 'Rehab Centre' 120 = 'Hostel/group home' 121 = 'Other' 122 = 'Not Available' 999 = 'Not defined'			11 = Hostel 12 = Inhouse School 13 = Lock Up 14 = Nursing Home 15 = Police Station 16 = Prison 17 = Psychiatric Hospital 18 = Public Space 19 = Rehab Centre 20 = Other Government Organisation 21 = General Hospital Outpatient Clinic 22 = Neonatal Intensive Care Unit		
Standard Mental Health Variables (released on all extracts of Mental Health Data)								
Date of Contact Subset CONTDATE	contactmmyy	Date of contact with ambulatory service	MMYYYY eg. JUN1999	1966-2005	N/A	MMYYYY eg. 092005	2005-Present	
Episode End Date Subset EPISODE_END	Episode_endmmyy	End date of episode (also called discharge date)	MMYYYY eg. JUN1999	1966-2005	N/A	MMYYYY eg. 112005	2005-Present	
Episode Start Date Subset EPISODE_START	episode_stmmyy	Start date of episode (also called referral date)	MMYYYY eg. JUN1999	1966-2005	N/A	MMYYYY eg. 092005	2005-Present	
Group or Non Group Flag of Contact	sc_session_type_code	Indicator of a Group or Single patient contact	1=Single client present 2=Group contact	1966-2005	N/A	0=Individual 1=Group	2005-Present	N/A
Mental Health Record Type	MH_rec_type	Whether the record was extracted from MHIS or MIND data systems	MHIS	MHIS – Records up to 30 June 2005	N/A	MIND	MIND – Records from 1 July 2005	N/A
Source of Data	source	Source of the mental health data	FORMS LAMHIS PSOLIS	Used 1966-2004 Used 1996-2005 Used 2003-2005	There is some overlap in data from these three sources.	PSOLIS	Used 2003-present	
Sensitive Variables requiring justification to be released								
Date of Birth (full)	pt_date_of_birth	Date of Birth of client	DDMMYYYY eg. 22JUN1999	1966-2005	N/A	DDMMYYYY eg. 22121999	2005-Present	
Date of Contact (full)	contdate	Date of contact with ambulatory service	DDMMYYYY eg. JUN1999	1966-2005	Only available on LAMHIS & PSOLIS data. First day of month used as a dummy day with FORMS data.	DDMMYYYY eg. 31JUN1999	2005-Present	

Label	Field Name	Description	MHIS values	Collected (MHIS)	Issues (MHIS)	MIND values	Collected (MIND)	Issues (MIND)
Episode Start Date (full)	episode_start	Start date of episode	DDMMYYYY eg. 22JUN1999	1966-2005	N/A	DDMMYYYY eg. 22JUN1999	2005-Present	
Episode End Date (full)	episode_end	End date of episode	DDMMYYYY eg. 22JUN1999	1966-2005	N/A	DDMMYYYY eg. 22JUN1999	2005-Present	
Legal Status	mh_legal_status	Mental health legal status	1=Involuntary (on a CTO at time of contact) 2=Voluntary	1966-2005	N/A	1=Involuntary (on a CTO at time of contact) 2=Voluntary	July 2016-Present	MH legal status only available from MIND from 1 July 2016.
Suburb	pt_residential_suburb	Suburb of residence	Text (character) length =50	1966-2005	Completeness increases over time. At least 67% recorded from 1998.	Text (character) length =50	2005-Present	
Unit/Program of Contact	program	Facility or Program where contact occurred	Numeric (0-XXXX) List of units provided on approval of this variable.	1966-2005	N/A	Numeric (0-XXXX) List of units provided on approval of this variable.	2005-Present	