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| Specifications for revisions to the Victorian Alcohol and Drug Collection (VADC) for 2023-24 |
| December 2022 |
| OFFICIAL |



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# Executive summary

The revisions to the Victorian Alcohol and Drug Collection (VADC) for 2023-24 financial year are summarised below:

**Update to existing data code sets**

* *Sex at Birth* and *Gender Identity* code sets

**Update to existing validation rules**

* AOD180 Maltreatment code and client is not person of concern
* AOD75 No AUDIT score AND comprehensive assessment or treatment has ended
* AOD83 No DUDIT score AND comprehensive assessment or treatment has ended

**New validation rule**

* ### End reason cannot be 90 - ‘Dept of Health use only’

The changes for 2023-24 financial year, as outlined in this document,are applicable only to the *VADC Data Specification* – no changes are required to *VADC Compilation and Submission* *Specification* or *VADC XSD Schema* for 2023-24*.*

The final set of specifications for VADC will be published by May 2023 for implementation 1 July 2023.

* *VADC Data Specification 2023-24*
* *VADC Compilation and Submission* *Specification 2023-24*
* *VADC XSD Schema 2023-24*

# Introduction

Each year the Department of Health reviews its key data collections to ensure the data collected:

* supports the department's state and national reporting obligations
* assists service planning and policy development
* reflects changes in funding and service provision arrangements for the coming financial year
* incorporates appropriate feedback from stakeholders on improvements.

As part of the VADC annual change process, proposals and feedback are invited from alcohol and other drug (AOD) stakeholders, both from within the department and from the sector, to ensure changes to the VADC are fit-for-purpose for each financial year.

All annual change proposals submitted are reviewed and assessed against a set of change criteria by the VADC Change Management Group (CMG) comprising of departmental and sector representatives.

The proposals accepted for publication by the VADC CMG then proceed to publication for feedback.

Service providers are asked to speak to the supplier of their client management system regarding technical impacts and their program manager regarding clinical impacts when assessing the annual change proposals.

The sector feedback received is compiled and reviewed by the VADC CMG to inform their recommendations for VADC Data Custodian approval for implementation in the VADC from 1 July 2023.

The revisions set out in this document are recommended by the VADC CMG and approved by the VADC Data Custodian and are complete as at the date of publication. Where further changes are required during the year, for example to improve data validation rules or supporting documentation, these will be advised via regular VADC Bulletins.

Victorian service providers must ensure their software can create a data submission file in accordance with the revised specifications and ensure reporting capability is achieved to maintain compliance with reporting timeframes.

A contact email is available at [VADC\_data@health.vic.gov.au](mailto:VADC_data@health.vic.gov.au) for any queries.

## Orientation to this document

* New elements and changes to existing data elements are highlighted in green
* Redundant values and definitions relating to existing items are ~~highlighted yellow and struck through~~
* New validations are marked ### if validation number has not yet been allocated
* Changes are shown under the appropriate *VADC Data Specification* section headings.

# Outcome of proposals

The four proposals approved by the VADC Data Custodian for implementation to VADC in 2023-24 are listed below alongside their relevant changes:

**Proposal 1 - Align code sets for Sex and Gender data items with the Commonwealth’s Alcohol and Other Drug Treatment Services National Minimum Data Set**

[Section 5.1.20 Client—sex at birth—N](#_5.1.20_Client—sex_at)

[Section 5.1.10 Client—gender identity—N](#_5.1.10_Client—gender_identity—N)

**Proposal 2 - Update maltreatment code validation to align with business definition**

[Validation AOD180 - Maltreatment code and client is not person of concern](#_Hlk120270544)

**Proposal 3 - Add an error validation in VADC to prevent services from reporting *Event -end reason* code 90 (Dept of Health use only) when ending service events**

[Section 5.4.5 Event—end reason—N[N]](#_5.4.5_Event—end_reason—N[N])

[New validation ### End reason cannot be 90 - ‘Dept of Health use only’](#_Hlk120270654)

**Proposal 4 - Update validations to align with business rules of Outcomes AUDIT Score and DUDIT score**

[Section 5.5.3 Outcomes—AUDIT Score—N[N]](#_5.5.3_Outcomes—AUDIT_Score—N[N])

[Section 5.5.6 Outcomes—DUDIT Score—N[N]](#_5.5.6_Outcomes—DUDIT_Score—N[N])

[Validation AOD75 - No AUDIT score AND comprehensive assessment or treatment has ended](#_Hlk120270853)

[Validation AOD83 - No DUDIT score AND comprehensive assessment or treatment has ended](#_Hlk120270769)

# VADC Data Specification changes for 2023-24

# Section 5 Data element definitions

## 5.1.20 Client—sex at birth—N

|  |  |  |  |
| --- | --- | --- | --- |
| *Identifying and definitional attributes* | | | |
| **Definition** | The sex of the client at birth | | |
| **Value domain attributes** | | | |
| *Representational attributes* | | | |
| **Representation class** | Code | **Data type** | Number |
| **Format** | N | **Maximum character length** | 1 |
| **Permissible values** | ***Value*** | ***Meaning*** | |
|  | 1 | male | |
|  | 2 | female | |
|  | 3 | ~~Other~~ another term | |
| **Supplementary values** | ***Value*** | ***Meaning*** | |
|  | 9 | not stated/inadequately described | |
| **Data element attributes** | | | |
| *Reporting attributes* | | | |
| **Reporting requirements** | Mandatory | | |
| *Collection and usage attributes* | | | |
| **Guide for use** | A person’s sex may change during their lifetime as a result of procedures known as sex change, gender reassignment, transsexual surgery, transgender reassignment or sexual reassignment. This data element is only concerned with the sex recorded at birth.  ~~For those classified as ‘Indeterminate’ at birth, that were born with ambiguous genitalia, where the biological sex, even following genetic testing, could not be determined, at an infant age less than 90 days; the sex at birth should be the sex recorded once the infant sex had been determined.~~   |  |  | | --- | --- | | Code 3 | ~~Persons who have mixed or non-binary biological characteristics (if known), or a non-binary sex assigned at birth.~~  ~~The value meaning of 'Other' has been assigned to Code 3 for this value domain, which replaces 'Intersex or indeterminate' for the superseded value domain~~[~~Sex code N~~](javascript:void(0);)~~. Terms such as 'indeterminate', 'intersex', 'non-binary', and 'unspecified' are variously used to describe the 'Other' category of sex. The label 'Other' is used because a more descriptive term has not been widely agreed within the general community.~~  ~~Sex refers to the chromosomal, gonadal and anatomical characteristics associated with biological sex. Where there is an inconsistency between anatomical and chromosomal characteristics, sex is based on anatomical characteristics~~  Persons whose sex at birth or infancy was recorded as another term (not male or female), or who reported their sex as another term (not male or female) at the time of collection.  The value meaning of "Another term" has been assigned to Code 3 for this value domain, which replaces "Other" and "Intersex or indeterminate" in previous versions of this element. | | Code 9 | Should be used when the sex at birth is unknown, or not stated | | | |
| *Source and reference attributes* | | | |
| **Definition source** | METeOR | | |
| **Definition source identifier** | Based on [Person–sex, code X - ~~635126~~](javascript:void(0);) 741686 | | |
| **Value domain source** | Australian Bureau of Statistics ~~2016~~ 2021 | | |
| **Value domain identifier** | [~~Standard for Sex and Gender Variables~~](http://abs.gov.au/ausstats/abs@.nsf/latestProducts/1200.0.55.012Media%20Release12016) Standard for sex, gender, variations of sex characteristics and sexual orientation variables.  [Sex code X - ~~635128~~](javascript:void(0);) 741636 | | |
| *Relational attributes* | | | |
| **Related concepts** | Client | | |
|  | Record linkage | | |
| **Related data elements** | Client—statistical linkage key | | |
|  | Client-gender identity | | |
| **Edit/validation rules** | C48 sex should not be unknown | | |
|  | AOD0 value not in codeset for reporting period  AOD2 cannot be null | | |
| **Other related information** | <https://www.ag.gov.au/rights-and-protections/human-rights-and-anti-discrimination/australian-government-guidelines-recognition-sex-and-gender> | | |

## 5.1.10 Client—gender identity—N

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Identifying and definitional attributes | | | | |
| Definition | The gender with which the client identifies | | | |
| Value domain attributes | | | | |
| Representational attributes | | | | |
| Representation class | Code | | Data type | Number |
| Format | N | | Maximum character length | 1 |
| Permissible values | Value | | Meaning | |
|  | 1 | | man or male | |
|  | 2 | | woman or female | |
|  | ~~3~~ | | ~~Other~~ | |
|  | 4 | | non-binary | |
|  | 5 | | different term | |
|  | 6 | | prefer not to answer | |
| Supplementary values | Value | | Meaning | |
|  | 9 | | not stated/inadequately described | |
| Data element attributes | | | | |
| Reporting attributes | | | | |
| Reporting requirements | Mandatory | | | |
| Collection and usage attributes | | | | |
| Guide for use | Gender is about social and cultural differences in identity, expression and experience as a man, boy, woman, girl, or non-binary person. Non-binary is an umbrella term describing gender identities that are not exclusively male or female.  ~~Gender identity is defined as a personal conception of oneself as male or female (or other).~~  Gender identity can be the same or different than the sex assigned at birth.  ~~When a person’s gender identity differs from their sex assigned at birth, they are considered Transgender.~~  Note: While service providers may choose to capture many categories of gender identity within their CMS system, the reporting requirement of the department only requires alignment with those codes specified. | | | |
| ~~Code 3~~ | ~~Adults and children who identify as non-binary, gender diverse, or with descriptors other than man/boy or woman/girl. Terms such as ‘gender diverse’, ‘non-binary’, ‘unspecified’, 'trans', '~~[~~transgender~~](https://dhhs.authenticated.modelpedia.com.au/PublishedWebsite/ItemDetail.aspx?ConfigurationId=26040&RootConfigurationId=18&ModelId=5B8A8481-0259-4FA0-B803-01E7B307A6CD&ItemId=A8F8E1A1-E54A-4600-8BDC-D798813D0EEA&Target=ctl00_ctl03_CenterTopPane&Theme=25&Version=3.0.6.22_1&IsLatest=Final)~~', 'transsexual', 'gender queer', 'pan-gendered', 'androgynous' and 'inter-gender' are variously used to describe the 'Other' category of gender. Some cultures may have their own terms for gender identities outside male and female. The label ‘Other’ is used because a more descriptive term has not been widely agreed within the general community~~ | | |
| Code 4 | A person who describes their gender as non-binary. | | |
| Code 5 | A person who describes their gender as a term other than man/male, woman/female or non-binary. | | |
| Code 6 | A person who prefers not to respond on how they describe their gender. | | |
| Code 9 | Should be used if unable to attain gender identity or unknown. | | |
| Source and reference attributes | | | | |
| Definition source | METeOR | | | |
| Definition source identifier | Based on Person–gender, code X – ~~635994~~ 741842 | | | |
| Value domain source | METeOR | | | |
| Value domain identifier | Based on [Gender code N - ~~635944~~](javascript:void(0);) 741825 | | | |
| Relational attributes | | | | |
| Related concepts | Client | | | |
| Related data elements | Client-sex at birth | | | |
| Edit/validation rules | AOD0 value not in codeset for reporting period  AOD2 cannot be null | | | |
| Other related information |  | | | |

<https://www.abs.gov.au/statistics/standards/standard-sex-gender-variations-sex-characteristics-and-sexual-orientation-variables/latest-release>

## 5.4.5 Event—end reason—N[N]

|  |  |
| --- | --- |
| *Identifying and definitional attributes* | |
| **Definition** | The reason for ending the client’s treatment |
| *Relational attributes* | |
| **Related concepts** | Service event |
| **Related data elements** | Event-end date |
| **Edit/validation rules** | AOD0 value not in codeset for reporting period  AOD30 event type mismatch, event type is not treatment |
|  | AOD33 end reason but treatment not ended |
|  | AOD34 end date and no end reason  ### end reason cannot be 90 - ‘Dept of Health use only’ |

## 5.5.3 Outcomes—AUDIT Score—N[N]

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Identifying and definitional attributes | | | | | | | | | |
| Definition | A client’s score from the Alcohol Use Disorders Identification Test (AUDIT) | | | | | | | | |
| Value domain attributes | | | | | | | | | |
| Representational attributes | | | | | | | | | |
| Representation class | | | Total | | | | Data type | Number | | | | | |
| Format | | | N[N] | | | | Maximum character length | 2 | | | | | |
| Permissible values | | | ***Value*** | | | | ***Meaning*** | | | |
|  | | | >=0 and <=40 | | | | The AUDIT score must be between 0 and 40, inclusive. | | | |
| Supplementary values | | | ***Value*** | | | | ***Meaning*** | | | |
|  | | | 98 | | | | not applicable | | | |
|  | | | 99 | | | | not stated/inadequately described | | | |
| Data element attributes | | | | | | | | | |
| Reporting attributes | | | | | | | | | |
| Reporting requirements | | | | | Mandatory for Assessment service events on end, otherwise “98 -Not applicable” to be submitted. | | | | |
| Collection and usage attributes | | | | | | | | | |
| Guide for use | | | | | The World Health Organization’s Alcohol Use Disorders Identification Test (AUDIT) is comprised of 3 scores, the Consumption score, the Dependence score and the Alcohol-related problems score. The AUDIT score should be captured as the total of all of these 3 scores for a registered client.  Only report where a client is receiving service for their own alcohol and drug use.  For clients whose treatment is related to the alcohol and other drug use of another person, this should be reported as 98.  This data element is used to calculate Client TIER   |  |  | | --- | --- | | 98 | Should be only used when considered not applicable to client e.g. for client’s where treatment is related to the alcohol and other drug use of another person, OR Youth and Forensic Services that do not perform AUDIT | | 99 | Should only be used where the information was not disclosed, unknown or client has disengaged prior to measuring outcomes. | | | | | |
| Source and reference attributes | | | | | | | | | | | |
| Definition source | | | | | | Based on The World Health Organization’s Alcohol Use Disorders Identification Test | | | | | |
| Definition source identifier | | | | | | <https://apps.who.int/iris/bitstream/10665/67205/1/WHO_MSD_MSB_01.6a.pdf> | | | | | |
| Value domain source | | | | | | The World Health Organization’s Alcohol Use Disorders Identification Test | | | | | |
| Value domain identifier | | | | | |  | | | | | |
| Relational attributes | | | | | | | | | |
| Related concepts | | Outcome | | | | | | | |
| Related data elements | | Outcomes -DUDIT Score | | | | | | | |
|  | | Client-TIER | | | | | | | |
| Edit/validation rules | | AOD2 cannot be null  AOD9 numeric only | | | | | | | |
|  | | AOD67 no registered client for event | | | | | | | |
|  | | AOD68 invalid outcome since client registered is not client | | | | | | | |
|  | | AOD74 out of audit score range | | | | | | | |
|  | | AOD75 no AUDIT score AND comprehensive assessment ~~or treatment~~ has ended | | | | | | | |
|  | | ~~AOD139 outcome measure group not supplied for a closed treatment or assessment service event.~~ | | | | | | |
|  | | AOD143 at least one drug of concern group not reported within an outcome measure for closed service events where client is a person of concern | | | | | | |
| Other related information | | | |  | | | | | | | | |

## 5.5.6 Outcomes—DUDIT Score—N[N]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Identifying and definitional attributes | | | | | |
| Definition | A client’s score from the Drug Use Disorders Identification Test (DUDIT) | | | | | |
| Value domain attributes | | | | | |
| Representational attributes | | | | | |
| Representation class | Total | | | Data type | Number | |
| Format | N[N] | | | Maximum character length | 2 | |
| Permissible values instructions | ***Value*** | | | ***Meaning*** | | |
|  | >=0 and <=44 | | | The DUDIT score must be between 0 and 44, inclusive | | |
| Supplementary values | ***Value*** | | | ***Meaning*** | | |
|  | 98 | | | not applicable | | |
|  | 99 | | | not stated/inadequately described | | |
| Data element attributes | | | | | |
| Reporting attributes | | | | | |
| Reporting requirements | Mandatory for Assessment service events on end, otherwise “98 -Not applicable” to be submitted | | | | | |
| Collection and usage attributes | | | | | | | |
| Guide for use | | | The DUDIT Score should be total score captured from the DUDIT Assessment tool for a registered client.  For clients whose treatment is related to the alcohol and other drug use of another person, this should be reported as 98  This data element is used to calculate Client TIER   |  |  | | --- | --- | | 98 | Should only be used when considered not applicable to client e.g. for client’s where treatment is related to the alcohol and other drug use of another person OR where this is considered not applicable e.g. Youth and Forensic Services that do not perform DUDIT | | 99 | Should only be used where the information was not disclosed, unknown or client has disengaged prior to measuring outcomes. | | | | | |
| Source and reference attributes | | | | | | | | |
| Definition source | | | Karolinska Institute, Department of Clinical Neuroscience | | | | | | |
| Definition source identifier | | | Berman, Bergman, Palmstierna & Schlyter (2003) | | | | | | |
| Value domain source | | |  | | | | | | |
| Value domain identifier | | |  | | | | | | |
| Relational attributes | | | | | | | |
| Related concepts | | Outcome | | | | | |
| Related data elements | | Outcomes-AUDIT Score | | | | | |
|  | | Client-TIER | | | | | |
| Edit/validation rules | | AOD2 cannot be null  AOD9 numeric only | | | | | |
|  | | AOD67 no registered client for event | | | | | |
|  | | AOD68 invalid outcome since client registered is not person of concern (self) | | | | | |
|  | | AOD82 out of DUDIT score range | | | | | |
|  | | AOD83 no DUDIT score AND comprehensive assessment ~~or treatment~~ has ended | | | | | |
| Other related information |  | | | | | |

# Section 6 Edit/Validation Rules

## Table 5.c Data Element edit/validation rules

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Edit name/description | Data elements | Pseudo-code / rule | Source | Status |
| AOD75 | No AUDIT score AND comprehensive assessment ~~or treatment~~ has ended | Outcomes-AUDIT Score  Event-end date  Event-event type | Outcomes-AUDIT score =null AND Event-end date != null, when Event-event type =[2 ~~OR 3~~] | DH | Warning |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Edit name/description | Data elements | Pseudo-code / rule | Source | Status |
| AOD83 | No DUDIT score AND comprehensive assessment ~~or treatment~~ has ended | Outcomes-DUDIT Score  Event-end date  Event-event type | Outcomes-DUDIT score =null AND Event-end date != null, when Event-event type =[2 ~~OR 3~~] | DH | Warning |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Edit name/description | Data elements | Pseudo-code / rule | Source | Status |
| AOD180 | Maltreatment code and client is not the person of concern  *Only applies when Report Period >= 072021* | Event –maltreatment code  Contact-relationship to client  Event-service stream | Event –maltreatment code != (~~0 OR~~ null)  AND Contact-relationship to client !=0  AND Event-service stream != (Table 3 Activity Type = R)  Note: Add service event level checks for both Contact-relationship to client and Service stream-Activity type !=R. | DH | Warning |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Edit name/description | Data elements | Pseudo-code / rule | Source | Status |
| ### | End reason cannot be 90 - ‘Dept of Health use only’ | Event –end reason | Event –end reason = 90  and Event – close date is not null | DH | Error |