

# Drug Treatment Activity Unit (DTAU) Derivation Rules – Code Version

2020-21

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## About this document

This document sets out the rules used to derive DTAU from data reported by alcohol and other drug (AOD) treatment service providers through the Victorian Alcohol and Drug Collection (VADC).

The DTAU is the funding unit for the majority of residential services and adult non-residential services. Youth and Aboriginal AOD services use the Course of Treatment (CoT) or Episode of Care (EoC) funding unit. A separate set of derivation rules apply for these funding units.

### Core DTAU derivation rules

- The DTAU for an activity is equal to the product of the *DTAU Base* and *DTAU Weight* for that activity.
- A list of DTAU weights for various activities is located at **Appendix A**.
- The DTAU base may be applied to either a service event or to each contact associated with a service event.
- The DTAU base may be a function of client complexity as described by 'course length'.
- The DTAU is used together with a unit DTAU price to determine funding. The unit DTAU prices is reviewed annually and indexed every six months. Contact your Agency Performance and System Support Advisor for the most current unit DTAU price.
- The DTAU base and weight is static. However, these attributes may change over time as a result of future reforms and thus should be start and end dated.
- DTAU only applies to activity funded by the department, and specific service events. For other service event/funding sources couplets DTAU can be 0 or null.

Note: to assist with your interpretation of these derivation rules, the service event funding sources and funding units from the VADC Specification 2020-21 have been included at **Appendix B**.

## Part 1: Determine DTAU Base

1	If VADC.service_event.enddate is null and serviceevent.ServiceStream!=52 then DTAU_base = 0
2	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource in (121, 100) and serviceevent.CourseLength = 1 then DTAU_base = 4.871
3	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource in (121, 100) and serviceevent.CourseLength = 2 then DTAU_base = 8.768
4	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource = 117 then DTAU_base = 5.816
5	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 118 then DTAU_base = 6.548
6	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 119 and serviceevent.CourseLength = 1 then DTAU_base = 7.000
7	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 119 and serviceevent.CourseLength = 2 then DTAU_base = 12.600
8	else if serviceevent.ServiceStream = 10 and serviceevent.FundingSource = 120 and serviceevent.CourseLength = 1 DTAU_base = 9.349
9	else if serviceevent.ServiceStream = 10 and serviceevent.FundingSource = 120 and serviceevent.CourseLength = 2 then DTAU_base = 16.828
10	else If serviceevent.ServiceStream=11 and serviceevent.FundingSource in (100, 116) and serviceevent.TargetPopulation in (1,2,3,4,5,9) and
11	serviceevent.CourseLength in (1,9) and (count(contact where ContactDuration > 0) >0) then DTAU_base=0.849
12	else If serviceevent.ServiceStream=11 and serviceevent.FundingSource in (100, 116) and serviceevent.TargetPopulation in (1,2,3,4,5,9) and
13	serviceevent.CourseLength = 2 and (count(contact where ContactDuration > 0) >0) then DTAU_base=2.124
14	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource in (100,116) and serviceevent.TargetPopulation in (1,2,3,4,5,9) and
15	serviceevent.CourseLength in (1,9) and (count(contact where ContactDuration > 0 and contact method in (1,2,3,4,5,9)) > 0) then DTAU_base=0.91
16	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource in (100,116) and serviceevent.TargetPopulation in (1,2,3,4,5,9) and
17	serviceevent.CourseLength =2 and (count(contact where ContactDuration > 0 and contact method in (1,2,3,4,5,9)) >0) then DTAU_base=3.414
18	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 112 then DTAU_base=2.094
19	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 113 then DTAU_base=3.926
20	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 114 then DTAU_base=2.748
21	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 115 then DTAU_base=4.120
22	else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource in (116,134,135,136) and contact.ContactType = 1 and contact.ContactMethod in
23	(1,2,5) then DTAU_base = 0.781
24	else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource in (116,134,135,136) and contact.ContactType = 2 and contact.ContactMethod in
25	(1,2,5) then DTAU_base = 0.130
26	else if serviceevent.ServiceStream=30 and serviceevent.FundingSource in (100, 128) and serviceevent.CourseLength = 1 then DTAU_base = 13.481

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27 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource in (100, 128) and serviceevent.CourseLength = 2 then DTAU_base = 53.659
28 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =129 then DTAU_base = 5.947
29 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =123 then DTAU_base = 7.180
30 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =106 and serviceevent.CourseLength = 1 then DTAU_base = 16.810
31 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =106 and serviceevent.CourseLength = 2 then DTAU_base = 66.913
32 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =111 then DTAU_base = 63.573
33 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =125 and serviceevent.CourseLength = 1 then DTAU_base = 27.874
34 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =125 and serviceevent.CourseLength = 2 then DTAU_base = 110.949
35 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =126 and serviceevent.CourseLength = 1 then DTAU_base =24.660
36 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource = 26 and serviceevent.CourseLength = 2 then DTAU_base = 83.846
37 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =127 and serviceevent.CourseLength = 1 then DTAU_base = 28.293
38 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =127 and serviceevent.CourseLength = 2 then DTAU_base = 96.198
39 else if serviceevent.ServiceStream=31 and serviceevent.FundingSource in (100,116) then DTAU_base=11
40 else if serviceevent.ServiceStream in (32,33) and serviceevent.FundingSource in (106,111,128, 126, 127,129,123,125) then DTAU_base = 0.974
41 else if serviceevent.ServiceStream in (32,33) and serviceevent.FundingSource in (117,118,119,120,121) then DTAU_base = 0.325
42 else if serviceevent.ServiceStream=50 and serviceevent.FundingSource in (100,116) then DTAU_base=2.222
43 else if serviceevent.ServiceStream =71 and serviceevent.FundingSource in (100,116) then DTAU_base=0.781
44 else if serviceevent.ServiceStream in (20,21,71) and serviceevent.FundingSource =102 and ContactType = 1 and ContactMethod in (1,2,3,4,5,9) then
45 DTAU_base=0.470
46 else if serviceevent.ServiceStream=80 and serviceevent.FundingSource =100 and (count(contact where ContactDuration > 0 and contact method in (1,2,5)) >0)
47 then DTAU_base=0.091
48 else if serviceevent.ServiceStream=80 and serviceevent.FundingSource =100 and (count(contact where ContactDuration > 0 and contact method in (3,4,6)) >0)
49 then DTAU_base=0.072
50 Else
51 DTAU_base = 0
52 End IF

```

**Go to Part 2**

## Part 2: Determine DTAU Base (Contacts)

1	If serviceevent.ServiceStream=52 and
2	serviceevent.FundingSource in (116,130,131,132,133) and
3	contact.ContactMethod in (1,2,5)
4	Then DTAU_base = 0.091
5	Else DTAU_base = 0
	<b>Go to Part 3</b>

## Part 3: Readjust DTAU base value for Aboriginal and Forensic funded programs

1	If serviceevent.fundingSource in (102,109,112,113, 114,115)
2	Then DTAU_Base / 1.15
3	Else If serviceevent.fundingSource = 127
4	Then DTAU_Base / 1.3
	<b>Go to Part 4</b>

#### Part 4: Determine DTAU Weight (applied to both contacts and service event DTAU base)

1	If
2	(VADC.service_event.indigenous_status in (1,2,3) ) or (VADC.service_event.FundingSource = 127)
3	Then DTAU_weight = 1.30
4	Else
5	If (VADC.referral.ACSOidentifier not in (NULL, '9999999') and VADC.referral.direction = 1) or (serviceevent.FundingSource in (102,109,112,113, 114,115) )
6	Then DTAU_weight = 1.15
7	Else DTAU_weight = 1
8	End If
9	End If
	<b>Go to Part 5</b>

#### Part 5: Calculating Service Event DTAU\_value

1	DTAU_value = DTAU_base x DTAU_weight
2	If service_event.Event_Type = 3 and service_event.Percentage_Course_Completed in (0,9)
3	then 0
4	else 1
5	End if
	<b>Go to Part 6</b>

#### Part 6: Calculating Contact DTAU\_value

1	DTAU_value = DTAU_base x DTAU_weight
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## Appendix A – AOD Treatment DTAU Weightings

Number	Product	DTAUs Per Unit of Activity (Base)	Forensic (@ 15% weighting)	Aboriginal (@ 30% weighting)
<b>1</b>	<b>Non-residential services</b>			
1.1	Intake and referral – phone contact/teleconference	0.091	0.105	0.118
1.2	Intake and referral – face-to-face	0.091	0.105	0.118
1.3	Intake and referral – via internet	0.072	0.083	0.094
1.4	Comprehensive assessment and initial treatment plan	0.781	0.898	1.015
1.5	Care and recovery coordination	2.222	2.555	2.889
1.6	Counselling – standard	0.910	1.047	1.183
1.7	Counselling – complex	3.414	3.926	4.438
1.8	Withdrawal – non-residential – standard	0.849	0.976	1.104
1.9	Withdrawal – non-residential – complex	2.124	2.443	2.761
1.10	Therapeutic day rehabilitation	11.000	12.650	14.300
1.11	Brief intervention	0.781	0.898	1.015
1.12	Brief intervention - group	0.130	0.150	0.169
1.13	DDAL intervention	N/A	0.470	N/A
1.14	Bridging support	0.091	0.105	0.118
1.15	CHOICES - Group program	N/A	0.850	N/A
1.16	CHOICES - Individual program	N/A	0.470	N/A
1.17	Kickstart - 24 hr group program	N/A	2.748	3.106
1.18	Kickstart - 42 hr group program	N/A	4.120	4.657
1.19	Kickstart - 8 hr individual program	N/A	2.094	2.367
1.20	Kickstart - 15 hr individual program	N/A	3.926	4.438
<b>2</b>	<b>Residential services</b>			
<b>2.1</b>	<b>Residential withdrawal</b>			
<b>2.1.1</b>	<b>General only</b>			
2.1.1.1	Residential withdrawal general - standard	4.871	5.602	6.332
2.1.1.2	Residential withdrawal general - extended	8.768	10.083	11.398
2.1.1.3	Sub-acute withdrawal	5.816	6.688	7.560
2.1.1.4	Three-stage stepped withdrawal program	6.548	7.530	8.512
2.1.1.5	Mother/baby withdrawal program - standard	7.000	8.050	9.100
2.1.1.6	Mother/baby withdrawal program - extended	12.600	14.490	16.380
<b>2.1.2</b>	<b>Youth only</b>			
2.1.2.1	Youth-specific facility withdrawal - standard	9.349	10.751	12.153
2.1.2.2	Youth-specific facility withdrawal - extended	16.828	19.352	21.876
<b>2.1.3</b>	<b>Both general and youth</b>			
2.1.3.1	Pre-admission client engagement	0.325	0.374	0.422
2.1.3.2	Bridging support	0.091	0.105	0.118
<b>2.2</b>	<b>Residential rehabilitation</b>			
<b>2.2.1</b>	<b>General only</b>			
2.2.1.1	Residential rehabilitation general - standard	13.481	15.503	17.525
2.2.1.2	Residential rehabilitation general - extended	53.659	61.707	69.756
2.2.1.3	Post-withdrawal stabilisation model	5.947	6.839	7.731

2.2.1.4	6-week rehabilitation program	7.180	8.257	9.334
2.2.1.5	Slow stream pharmacotherapy program - standard	16.810	19.332	21.853
2.2.1.6	Slow stream pharmacotherapy program - extended	66.913	76.949	86.986
2.2.1.7	Residential dual diagnosis	63.573	73.109	82.644
2.2.1.8	Family beds program - standard	27.874	32.055	36.236
2.2.1.9	Family beds program - extended	110.949	127.592	144.234
2.2.2	<b>Youth only</b>			
2.2.2.1	Youth-specific facility rehabilitation - standard	24.660	28.359	32.058
2.2.2.2	Youth-specific facility rehabilitation - extended	83.846	96.422	108.999
2.2.3	<b>Aboriginal only</b>			
2.2.3.1	Aboriginal-specific facility rehabilitation - standard	N/A	N/A	28.293
2.2.3.2	Aboriginal-specific facility rehabilitation - extended	N/A	N/A	96.198
2.2.4	<b>All of general, youth and Aboriginal</b>			
2.2.4.1	Pre-admission client engagement	0.974	1.121	1.267
2.2.4.2	Bridging support	0.091	0.105	0.118



## Appendix B – Service event funding sources and funding units (VADC Specifications 2020-21)

Funding Source code	Service Stream Code																		
	10- Residential Withdrawal	11-Non-Residential Withdrawal	20-Counseling	21-Brief Intervention	22-Ante & Post Natal Support	30-Residential Rehabilitation	31-Therapeutic Day Rehabilitation	32 – Residential pre-admission engagement	33 – Residential pre-admission engagement	50-Care & Recovery Coordination	51-Outreach	52-Bridging Support	60-Client education program	71-Comprehensive assessment	80-Intake	81-Outdoor Therapy (Youth)	82-Day Program (Youth)	83-Follow up	84-Supported Accommodation
0 –Not funded	NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
100-Vic State Gov – General	D[L]	D[L]	D[L]		E[S]	D[L]	D[L]			D[L]	E[S]		C	D	D	E[S]	E[S]		E[S]
102-Vic State Gov- Drug Diversion Appointment Line (DDAL)			D	D										D					
103-Vic State Gov-Aboriginal Metro Ice Partnership			E[S]							E[S]									
104-Vic State Gov- Pharmacotherapy Outreach			E[S]								E[S]								
105-Vic State Gov-Specialist Pharmacotherapy Program			E[S]																
106-Vic State Gov-Slow Stream Pharmacotherapy						D[L]		D	D										
107-Vic State Gov-ACCHO Services-Drug Services			E[S]	E						E[S]	E[S]			E					
108-Vic State Gov-ACCHO-AOD Nurse Program		E[S]	E[S]	E						E[S]	E[S]			E					
109-Vic State Gov-Low Risk Offender Program													C						
111-Vic State Gov-Residential dual diagnosis						D		D	D										
112-Vic State Gov-8 hour individual offender			D																
113-Vic State Gov -15 hour individual offender			D																

Funding Source code	Service Stream Code																		
	10- Residential Withdrawal	11-Non-Residential Withdrawal	20-Counselling	21-Brief Intervention	22-Ante & Post Natal Support	30-Residential Rehabilitation	31-Therapeutic Day Rehabilitation	32 – Residential pre-admission engagement	33 – Residential pre-admission engagement	50-Care & Recovery Coordination	51-Outreach	52-Bridging Support	60-Client education program	71-Comprehensive assessment	80-Intake	81-Outdoor Therapy (Youth)	82-Day Program (Youth)	83-Follow up	84-Supported Accommodation
114-Vic State Gov -24 hour group offender			D																
115-Vic State Gov -42 hour group offender			D																
116-Vic State Gov-Small Rural Health funding		D[L]	D[L]	D			D[L]			D[L]	E[S]	D		D			E[S]		
117-Vic State Gov-Sub-acute withdrawal	D							D	D										
118-Vic State Gov-Three-stage withdrawal stabilisation program	D							D	D										
119-Vic State Gov-Mother/baby withdrawal program	D[L]							D	D										
120-Vic State Gov-Youth-specific facility withdrawal	D[L]							D	D										
121-Vic State Gov-Residential Withdrawal (general)	D[L]							D	D										
123-Vic State Gov-6-week rehabilitation program						D		D	D										
125-Vic State Gov-Family beds program						D[L]		D	D										
126-Vic State Gov-Youth-specific facility rehabilitation						D[L]		D	D										
127-Vic State Gov-Aboriginal-specific facility rehabilitation						D[L]		D	D										
128-Vic State Gov-Residential Rehabilitation (general)						D[L]		D	D										

Funding Source code	Service Stream Code																			
	10- Residential Withdrawal	11-Non-Residential Withdrawal	20-Counselling	21-Brief Intervention	22-Ante & Post Natal Support	30-Residential Rehabilitation	31-Therapeutic Day Rehabilitation	32 – Residential pre-admission engagement	33 – Residential pre-admission engagement	50-Care & Recovery Coordination	51-Outreach	52-Bridging Support	60-Client education program	71-Comprehensive assessment	80-Intake	81-Outdoor Therapy (Youth)	82-Day Program (Youth)	83-Follow up	84-Supported Accommodation	
129-Vic State Gov-Stabilisation model						D		D	D											
130-Vic State Gov-Bridging support- Post-residential withdrawal												D								
131-Vic State Gov-Bridging support- Post-residential rehabilitation												D								
132-Vic State Gov-Bridging support -intake												D								
133-Vic State Gov-Bridging support- assessment												D								
134-Vic State Gov-Brief intervention- intake				D																
135-Vic State Gov-Brief intervention- assessment				D																
136-Vic State Gov-Brief intervention-counselling				D																
500-Commonwealth (non PHN)	E[S]	NA	E[S]	NA	NA	E[S]	NA	NA	NA	NA	E[S]	NA	NA	NA	NA	NA	NA	NA	E[S]	E[S]
501 – Commonwealth PHN	E[S]	E[S]	E[S]	NA	NA	E[S]	NA	NA	NA	NA	E[S]	NA	NA	NA	NA	NA	E[S]	NA	E[S]	E[S]
999-Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

D = DTAU; E = Episode of Care; E[S] = Episode of care requiring significant goal achieved; [L] = requires course length to be reported; C = Course of treatment; N/A = not applicable

## DTAU Derivation Rules 2019-20 – Change log

	Change	Date
1.	<b>Percentage course completed</b> – update – Service events that are reported with a percentage course completed value of '9 - <i>not stated/inadequately</i> ' described will not be allocated DTAU.	1 July 2020
2.	<b>Reporting forensic AOD service delivery</b> – new addition – advice included regarding changes to the scope of clients eligible to receive forensic AOD services. Includes advice on how to correctly report forensic AOD activity.	1 July 2020
3.	<b>Non-residential withdrawal</b> – update – the DTAU base for this service stream is now determined by the 'course length' code reported for the event. The course length code '2 – Extended' is to be reported for events delivered to clients assessed as being complex. These events will attract the higher DTAU base.	1 July 2020
4.	<b>Non-residential withdrawal</b> – update – this rule will now consider target population. Events reported with a target population code of 6 – <i>Youth</i> will result in an Episode of Care (EOC) funding unit. Service providers that are DTAU funded to deliver non-residential withdrawal should use the 9 – <i>General non-specific</i> target population code when delivering activity to young people.	1 July 2020
5.	<b>Counselling</b> – update – the DTAU base for this service stream is now determined by the 'course length' code reported for the event. The course length code '2 – Extended' is to be reported for events delivered to clients assessed as being complex. These events will attract the higher DTAU base.	1 July 2020
6.	<b>Counselling</b> – update – rule will now consider target population. Events reported with a target population code of 6 – <i>Youth</i> will result in an Episode of Care (EOC) funding unit. Service providers that are DTAU funded to deliver counselling should use the 9 – <i>General non-specific</i> target population code when delivering activity to young people.	1 July 2020
7.	<b>Drug Diversion Appointment Line (DDAL)</b> – update – service providers are encouraged to report DDAL events as comprehensive assessments as this will be the only option for reporting from 2021-22 onwards. Events reported as counselling or brief intervention will still be allocated DTAU in 2020-21.	1 July 2020
8.	<b>Brief intervention (individual)</b> – update – relationship to client is no longer considered when allocating the DTAU base for this service stream.	1 July 2020
9.	<b>Brief intervention (group)</b> – update – changed to an event-based service stream.	1 July 2020
10.	<b>Brief intervention (group)</b> – update – relationship to client is no longer considered when allocating the DTAU base for this service stream.	1 July 2020
11.	<b>Residential pre-admission engagement</b> – update – new service stream code (33) added. The same derivation rules apply for both service stream code 32 and 33.	1 July 2020
12.	<b>Intake</b> – update – changed to an event-based service stream. New requirement to have at least one contact with > 0 mins duration to be eligible for DTAU.	1 July 2020
13.	<b>Intake</b> – update – relationship to client is no longer considered when allocating the DTAU base for this service stream.)	1 July 2020
14.	<b>Nov 2020 change effective 1 July: Drug Diversion Appointment Line (DDAL)</b> – update – add 'telephone' as a contact method	1 July 2020

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In this document, 'Aboriginal' refers to both Aboriginal and Torres Strait Islander people. 'Indigenous' or 'Koori/Koorie' is retained when part of the title of a report, program or quotation.

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