

Drug Treatment Activity Unit (DTAU) Derivation Rules

2022-23

Contents

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About this document	2
Core DTAU derivation rules	2
Part 1: Determine DTAU Base	3
Part 2: Determine DTAU Base (Contacts)	6
Part 3: Readjust DTAU base value for Aboriginal and Forensic funded programs.....	6
Part 4: Determine DTAU Weight (applied to both contacts and service event DTAU base)	7
Part 5: Calculating Service Event DTAU_value	7
Part 6: Calculating Contact DTAU_value.....	7
Appendix A – AOD Treatment DTAU Weightings	8
Appendix B – Service event funding sources and funding units (VADC Specifications 2022-23)	10

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 price 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 2022-23 have been included at **Appendix B**.

Part 1: Determine DTAU Base

1	If VADC.serviceevent.enddate is null and serviceevent.ServiceStream !=52 then DTAU_base = 0
2	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource = 121 and Datediff (day, serviceevent.start_date, serviceevent.end_date) <= 10
3	then DTAU_base = 4.871
4	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource = 121 and Datediff (day, serviceevent.start_date, serviceevent.end_date) > 10
5	then DTAU_base = 8.768
6	else if serviceevent.ServiceStream= 10 and serviceevent.FundingSource = 117 then DTAU_base = 5.816
7	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 118 then DTAU_base = 6.548
8	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 119 and Datediff (day, serviceevent.start_date, serviceevent.end_date) <= 10
9	then DTAU_base = 7.000
10	else if serviceevent.ServiceStream =10 and serviceevent.FundingSource = 119 and Datediff (day, serviceevent.start_date, serviceevent.end_date) > 10
11	then DTAU_base = 12.600
12	else if serviceevent.ServiceStream = 10 and serviceevent.FundingSource = 120 and Datediff (day, serviceevent.start_date, serviceevent.end_date) <= 10
13	DTAU_base = 9.349
14	else if serviceevent.ServiceStream = 10 and serviceevent.FundingSource = 120 and Datediff (day, serviceevent.start_date, serviceevent.end_date) > 10
15	then DTAU_base = 16.828
16	else If serviceevent.ServiceStream=11 and serviceevent.FundingSource in (100, 116, 3) and serviceevent.TargetPopulation in (1,2,3,4,9) and
17	serviceevent.CourseLength in (1,9) and (count(contact where ContactDuration > 0) >0) then DTAU_base=0.849
18	else If serviceevent.ServiceStream=11 and serviceevent.FundingSource in (100, 116, 3) and serviceevent.TargetPopulation in (1,2,3,4,9) and
19	serviceevent.CourseLength = 2 and (count(contact where ContactDuration > 0) >0) then DTAU_base=2.124
20	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource in (100,116, 3) and serviceevent.TargetPopulation in (1,2,3,4,9) and
21	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
22	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource in (100,116, 3) and serviceevent.TargetPopulation in (1,2,3,4,9) and
23	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
24	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 112 then DTAU_base=2.094
25	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 113 then DTAU_base=3.926
26	else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 114 then DTAU_base=2.748

27 else if serviceevent.ServiceStream=20 and serviceevent.FundingSource = 115 then DTAU_base=4.120

28 else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource in (116,134,135,136) and contact.ContactType = 1 and contact.ContactMethod in

29 (1,2,5) then DTAU_base = 0.781

30 else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource =109 and contact.ContactType = 1 and contact.ContactMethod in (1,2,5) then

31 DTAU_base = 0.470

32 else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource in (116,134,135,136) and contact.ContactType = 2 and contact.ContactMethod in

33 (1,2,5) then DTAU_base = 0.130

34 else if serviceevent_ServiceStream = 21 and serviceevent.FundingSource = 109 and contact.ContactType = 2 and contact.ContactMethod in (1,2,5) then

35 DTAU_base = 0.850

36 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource = 128 and Datediff(day, serviceevent.start_date, serviceevent.end_date) <= 160

37 then DTAU_base = 13.481

38 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource = 128 and Datediff(day, serviceevent.start_date, serviceevent.end_date) > 160

39 then DTAU_base = 53.659

40 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =129 then DTAU_base = 5.947

41 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =123 then DTAU_base = 7.180

42 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =106 and Datediff(day, serviceevent.start_date, serviceevent.end_date) <= 160

43 then DTAU_base = 16.810

44 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =106 and Datediff(day, serviceevent.start_date, serviceevent.end_date) > 160

45 then DTAU_base = 66.913

46 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =111 then DTAU_base = 63.573

47 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =125 and Datediff(day, serviceevent.start_date, serviceevent.end_date) <= 160

48 then DTAU_base = 27.874

49 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =125 and Datediff(day, serviceevent.start_date, serviceevent.end_date) > 160

50 then DTAU_base = 110.949

51 else if serviceevent.ServiceStream=30 and serviceevent.FundingSource =126 and Datediff(day, serviceevent.start_date, serviceevent.end_date) <= 90

52 then DTAU_base =24.660

54	else if serviceevent.ServiceStream =30 and serviceevent.FundingSource = 126 and Datediff(day, serviceevent.start_date, serviceevent.end_date) > 90
55	then DTAU_base = 83.846
56	else if serviceevent.ServiceStream =30 and serviceevent.FundingSource =127 and Datediff(day, serviceevent.start_date, serviceevent.end_date) <= 90
57	then DTAU_base = 28.293
58	else if serviceevent.ServiceStream =30 and serviceevent.FundingSource =127 and Datediff(day, serviceevent.start_date, serviceevent.end_date) > 90
59	then DTAU_base = 96.198
60	else if serviceevent.ServiceStream =31 and serviceevent.FundingSource in (100,116) then DTAU_base=11
61	else if serviceevent.ServiceStream =33 and serviceevent.FundingSource in (106,111,128, 126, 127,129,123,125) then DTAU_base = 0.974
62	else if serviceevent.ServiceStream =33 and serviceevent.FundingSource in (117,118,119,120,121) then DTAU_base = 0.325
63	else if serviceevent.ServiceStream =50 and serviceevent.FundingSource in (100,116,3) then DTAU_base=2.222
64	else if serviceevent.ServiceStream =71 and serviceevent.FundingSource in (100,116,3) then DTAU_base=0.781
65	else if serviceevent.ServiceStream in (20,21,71) and serviceevent.FundingSource =102 and ContactType = 1 and ContactMethod in (1,2,5) then
66	DTAU_base=0.470
67	else if serviceevent.ServiceStream=80 and serviceevent.FundingSource in (100,3) and (count(contact where ContactDuration > 0 and contact method in (1,2,5))
68	>0) then DTAU_base=0.091
69	else if serviceevent.ServiceStream=80 and serviceevent.FundingSource in (100,3) and (count(contact where ContactDuration > 0 and contact method in (3,4,6))
70	>0) then DTAU_base=0.072
71	Else
72	DTAU_base = 0
73	End IF
	Go to Part 2

Please note: Where a service event has both individual and group contact types for Brief Intervention (21), the higher DTAU base is applied

Part 2: Determine DTAU Base (Contacts)

1	If serviceevent.ServiceStream=52 and
2	serviceevent.FundingSource in (116,120,126,127, 130,131,132,133) and
3	contact.ContactMethod in (1,2,5)
4	Then DTAU_base = 0.091
5	Else DTAU_base = 0
	Go to Part 3

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
	Go to Part 4

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
	Go to Part 5

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 x DTAU_base x DTAU_weight
5	End if
	Go to Part 6

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)
1	Non-residential services			
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
2	Residential services			
2.1	Residential withdrawal			
2.1.1	General only			
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
2.1.2	Youth only			
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
2.1.3	Both general and youth			
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

2.2	Residential rehabilitation			
2.2.1	General only			
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	Youth only			
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	Aboriginal only			
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	All of general, youth and Aboriginal			
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 2022-23)

Funding Source 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	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	NA
1- Blocked funded Funding unit unspecified	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2- EOC Block funded		E[S]	E[S]	E					E[S]	E[S]			E					
3- DTAU Block funded	D	D[L]	D[L]			D	D		D				D	D				
100-Vic State Gov – General	D	D[L]	D[L]		E[S]	D	D		D	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		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				D														
111-Vic State Gov-Residential dual diagnosis						D		D										

Funding Source 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	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
112-Vic State Gov-8 hour individual offender			D															
113-Vic State Gov -15 hour individual offender			D															
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		D	E[S]	D		D				E[S]	
117-Vic State Gov-Sub-acute withdrawal	D							D										
118-Vic State Gov-Three-stage withdrawal stabilisation program	D							D										
119-Vic State Gov-Mother/baby withdrawal program	D							D										
120-Vic State Gov-Youth-specific facility withdrawal	D							D			D							
121-Vic State Gov-Residential Withdrawal (general)	D							D										
123-Vic State Gov-6-week rehabilitation program						D		D										
125-Vic State Gov-Family beds program						D		D										
126-Vic State Gov-Youth-specific facility rehabilitation						D		D			D							
127-Vic State Gov-Aboriginal-specific facility rehabilitation						D		D			D							
128-Vic State Gov-Residential Rehabilitation (general)						D		D										
129-Vic State Gov-Stabilisation model						D		D										

Funding Source 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	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
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														
137- Vic State Youth specific Community treatment		E[S]	E[S]															
500-Commonwealth (non PHN)	E[S]	NA	E[S]	NA	NA	E[S]	NA	NA	NA	E[S]	NA	NA	NA	NA	NA	NA	NA	E[S]
502- PHN North Western Melbourne		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
503- PHN Eastern Melbourne		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
504- PHN South Eastern Melbourne		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
505- PHN Gippsland		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
506-PHN Murray		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
507- PHN Western Victoria		PE[S]	PE[S]	PE			PE[S]		PE[S]	PE[S]		PE	PE		PE[S]	PE[S]		
999-Unknown	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; PE = PHN Episode of care

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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.

Available at [Funding of Alcohol and Other Drug Services](https://www.health.vic.gov.au/funding-and-reporting-aod-services/funding-of-alcohol-and-other-drug-services) <<https://www.health.vic.gov.au/funding-and-reporting-aod-services/funding-of-alcohol-and-other-drug-services>>