



# Ambulance Victoria's Performance

## 2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

Ambulance Victoria has two official response time targets:

- Respond to Code 1 incidents within 15 minutes for 85% of incidents state-wide, and
- Respond to Code 1 incidents within 15 minutes for 90% of incidents in centres with populations greater than 7,500.

Response times are an important measure of the service we provide, but are only one of a number of measures used to gauge the effective delivery of an ambulance service.

Our response times are measured from the receipt of the triple zero (000) call until the first AV resource arrives on scene. Response times are influenced by many factors including traffic, distance required to travel, availability of ambulances and demand for our services.

We designate those patients that require urgent paramedic and hospital care as "Code 1," and these patients receive a "lights and sirens" response. The tables below provide information about our Code 1 response time performance by both Local Government Area (LGA) and Urban Centres and Localities (UCL).

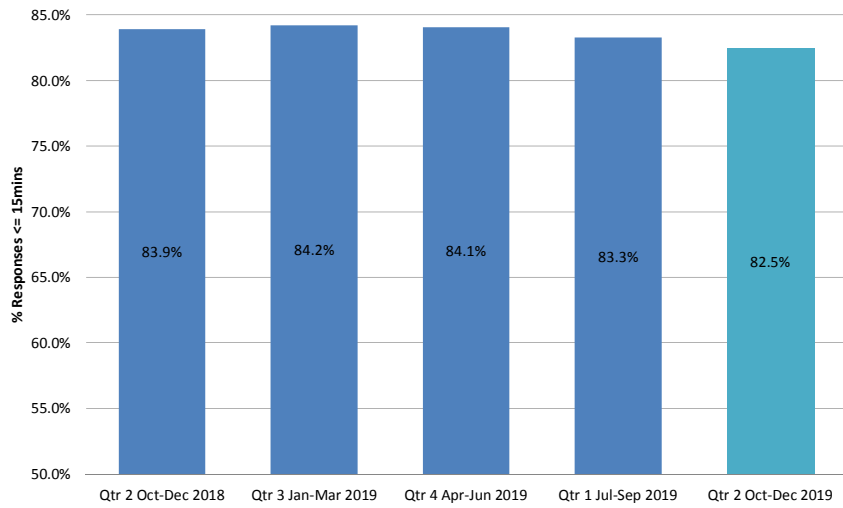
Code 2 incidents are acute, but not time critical and do not require a lights and sirens response. AV's average Code 2 response time performance has also been provided.

As part of our process of continual improvement, the response time performance shown below has been calculated using data sourced from the Computer Aided Dispatch (CAD) system used across Victoria. Definitions can be found in the Glossary at the end of this document.

**Report Navigation** This table shows the response time measures published in this document. Clicking on the items Map, Table and Chart will take you to the appropriate page.

	<b>Local Government Area</b>	<b>Urban Centre Locality</b>
<b>CODE 1</b>	% <= 15 Minutes <a href="#">MAP</a> <a href="#">TABLE</a> <a href="#">CHART</a>	% <= 15 Minutes <a href="#">MAP</a> <a href="#">TABLE</a> <a href="#">CHART</a>
	Average <a href="#">MAP</a> <a href="#">TABLE</a>	Average <a href="#">MAP</a> <a href="#">TABLE</a>
<b>CODE 2</b>	Average <a href="#">MAP</a> <a href="#">TABLE</a> <a href="#">CHART</a>	Average <a href="#">MAP</a> <a href="#">TABLE</a> <a href="#">CHART</a>

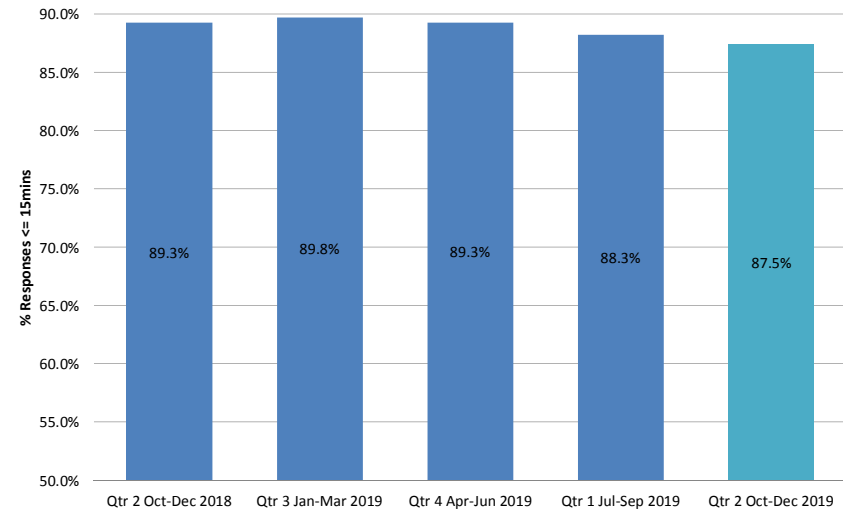
**AV State-wide Code 1 First Response Performance - Percentage <= 15 Minutes**



MAP

TABLE

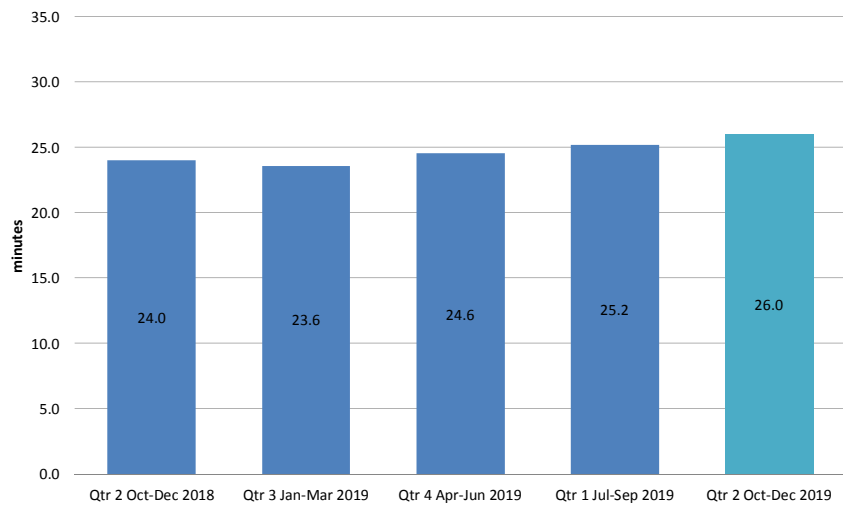
**AV State-wide Code 1 First Response Performance for UCLs > 7,500 Persons - Percentage <= 15 Minutes**



MAP

TABLE

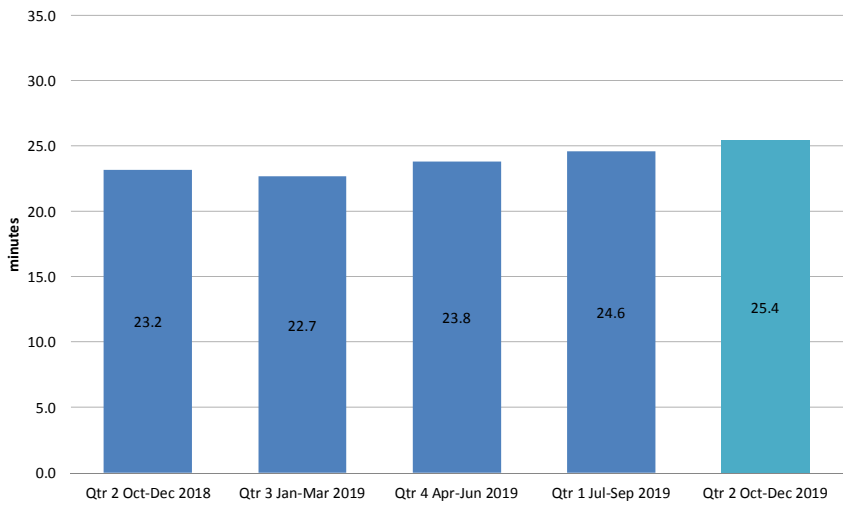
**AV State-wide Code 2 First Response Performance - Average**



MAP

TABLE

**AV State-wide Code 2 First Response Performance for UCLs > 7,500 Persons - Average**



MAP

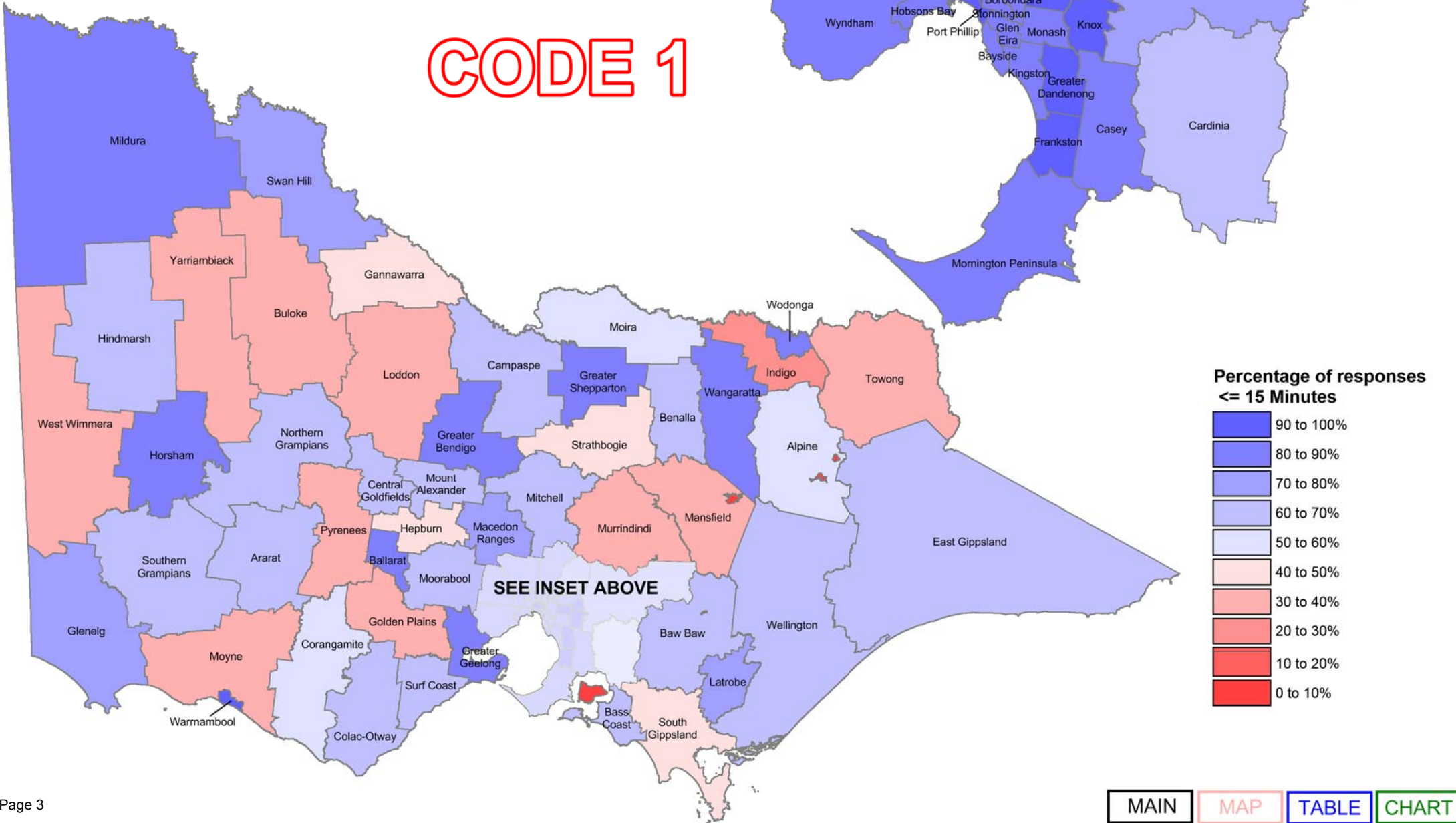
TABLE



# Ambulance Victoria

Percentage of Code 1 responses  $\leq$  15 Minutes by LGA  
 2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

**CODE 1**



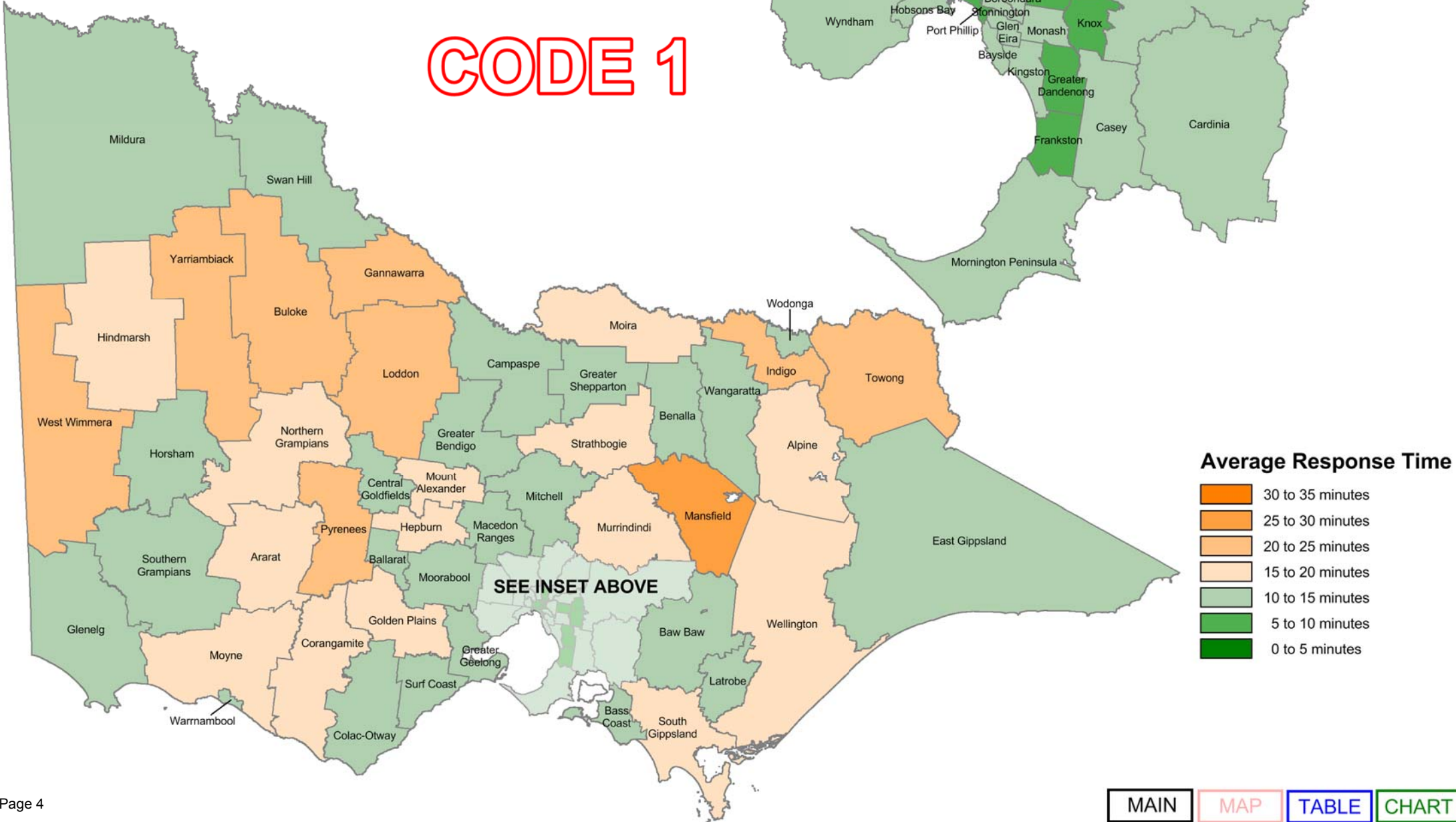


# Ambulance Victoria

Average Code 1 Response Time by LGA

2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

**CODE 1**





Code 1 First Response Performance by LGA

Qtr 2 2018/19

Qtr 3 2018/19

Qtr 4 2018/19

Qtr 1 2019/20

Qtr 2 2019/20

Table with columns: LGA Name, % Responses <= 15 Minutes, Average Response Time Minutes, Total Number of First Responses. Rows list various LGAs across five quarters.

NOTE: The "Total AV" result includes a small number of incidents for which we are unable to determine the LGA.



# Ambulance Victoria

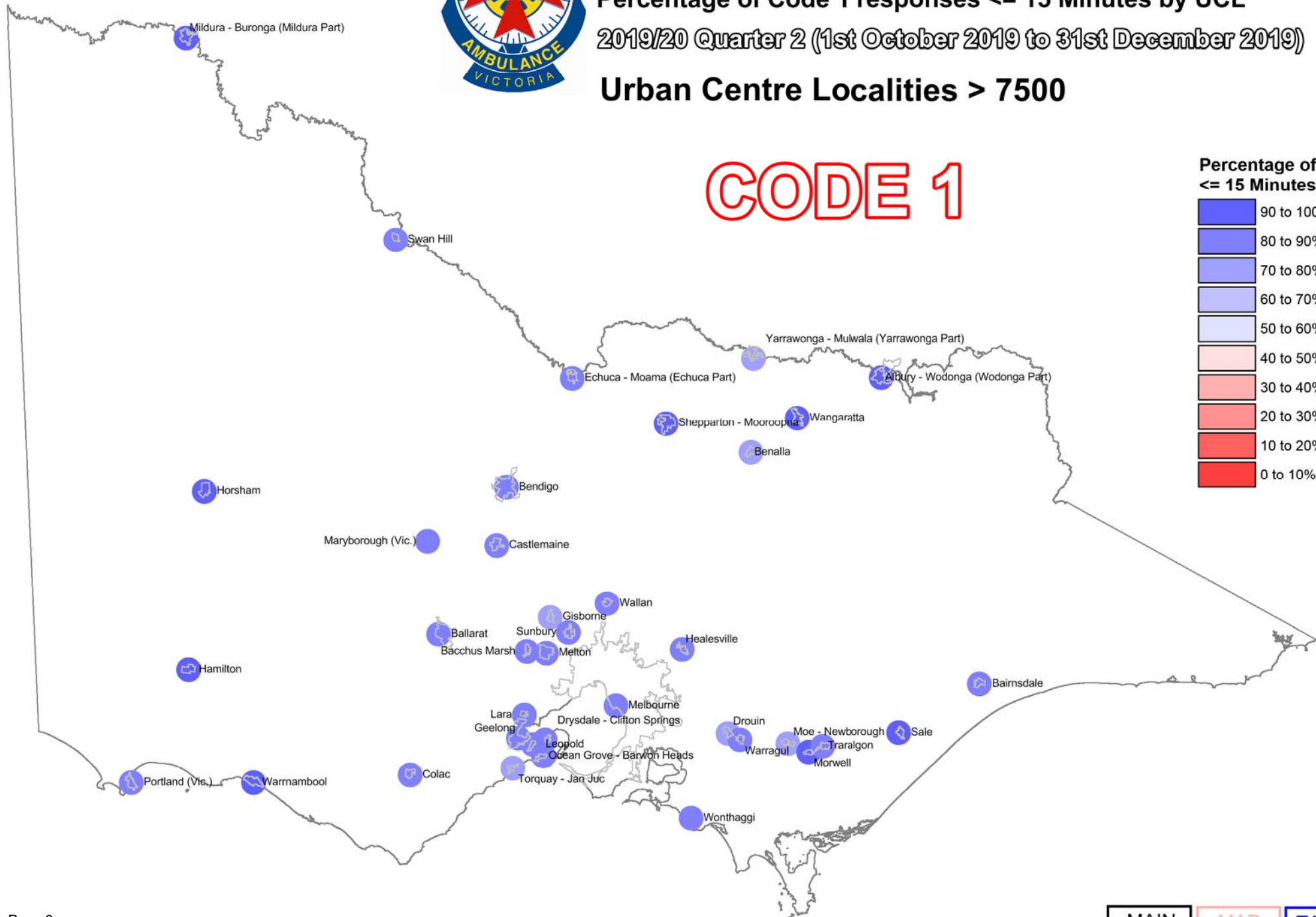
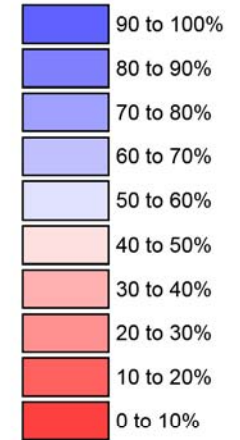
Percentage of Code 1 responses  $\leq$  15 Minutes by UCL

2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

Urban Centre Localities  $>$  7500

## CODE 1

Percentage of responses  $\leq$  15 Minutes





# Ambulance Victoria

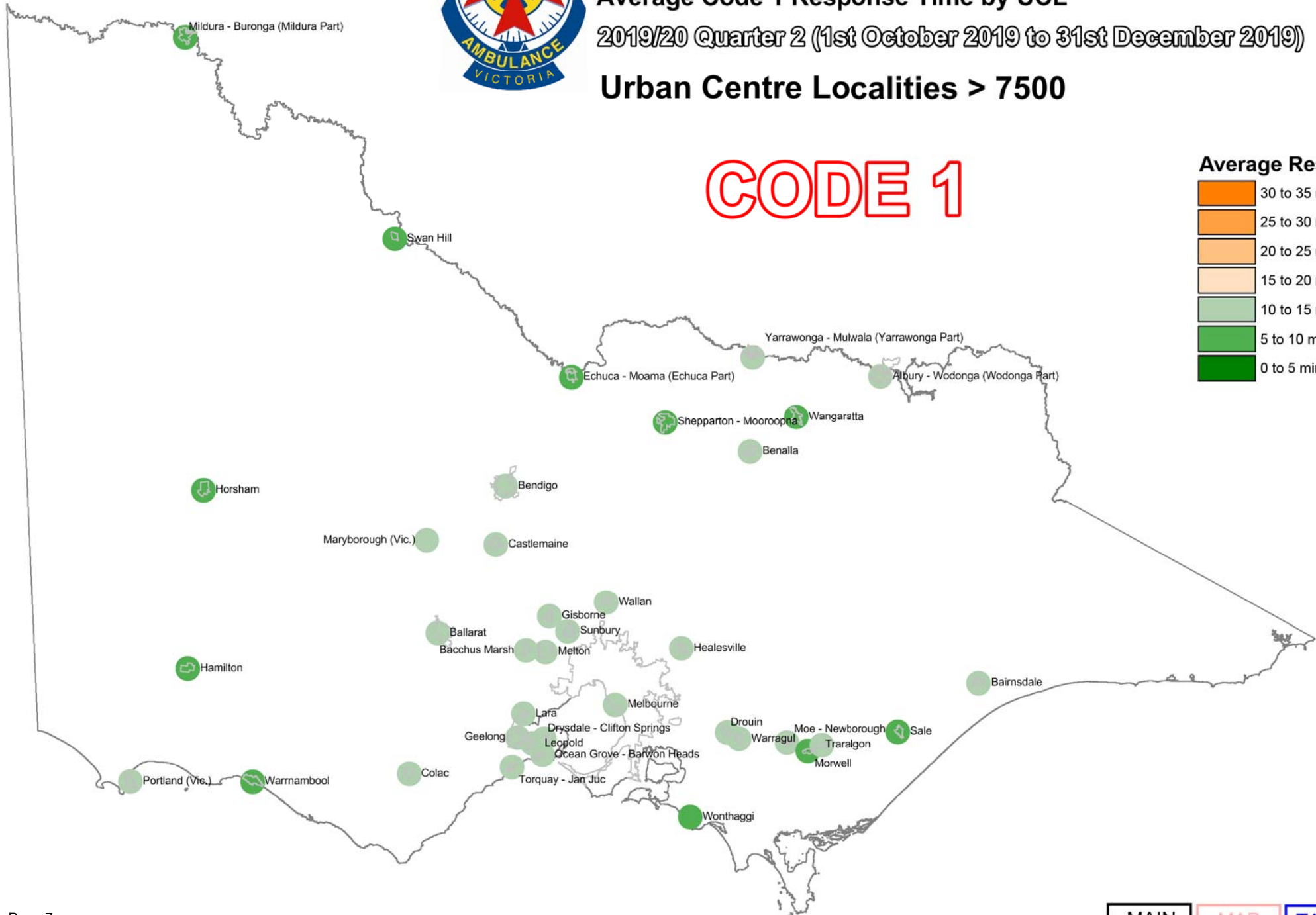
Average Code 1 Response Time by UCL

2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

Urban Centre Localities > 7500

## CODE 1

### Average Response Time





Code 1 First Response Performance by UCL

UCL Name

Qtr 2 2018/19

Qtr 3 2018/19

Qtr 4 2018/19

Qtr 1 2019/20

Qtr 2 2019/20

	% Responses <= 15 Minutes	Average Response Time Minutes	Total Number of First Responses
Albury - Wodonga (Wodonga Part)	92.8%	9:36	474
Bacchus Marsh	88.8%	9:49	206
Bairnsdale	85.1%	10:14	269
Ballarat	92.3%	9:58	1,446
Benalla	79.9%	11:23	139
Bendigo	87.6%	10:47	1,417
Castlemaine	69.1%	14:16	123
Colac	89.2%	10:12	167
Drouin	87.0%	10:52	161
Drysdale - Clifton Springs	80.6%	12:15	186
Echuca - Moama (Echuca Part)	85.7%	10:51	224
Geelong	87.9%	10:40	2,496
Gisborne	71.6%	12:19	109
Hamilton	91.3%	9:00	104
Healesville	79.5%	10:35	146
Horsham	94.3%	9:01	244
Lara	84.1%	10:57	151
Leopold	90.3%	10:10	124
Maryborough (Vic.)	82.5%	11:24	160
Melbourne	89.7%	10:09	49,398
Melton	86.9%	10:06	922
Mildura - Buronga (Mildura Part)	95.2%	8:55	584
Moe - Newborough	85.1%	10:05	451
Morwell	91.9%	9:05	385
Ocean Grove - Barwon Heads	84.6%	10:46	201
Portland (Vic.)	85.4%	10:22	130
Sale	89.9%	9:03	178
Shepparton - Mooropna	91.4%	9:47	873
Sunbury	87.1%	10:16	473
Swan Hill	85.8%	10:26	155
Torquay - Jan Juc	80.2%	12:02	187
Traralgon	81.6%	11:18	435
Wallan	86.1%	10:22	108
Wangaratta	91.1%	9:35	281
Warragul	81.9%	10:47	188
Warrnambool	93.3%	9:26	360
Wonthaggi	85.4%	11:12	171
Yarrawonga - Mulwala (Yarrawonga Part)	71.0%	15:12	138
Total UCLs > 7500	89.3%	10:12	63,964

	% Responses <= 15 Minutes	Average Response Time Minutes	Total Number of First Responses
91.6%	9:51	524	
84.7%	10:26	196	
82.5%	11:23	263	
91.3%	10:03	1,436	
75.9%	13:01	170	
87.4%	10:39	1,435	
75.5%	12:46	110	
86.2%	9:59	123	
80.6%	12:18	165	
83.3%	11:38	150	
91.3%	9:09	195	
88.4%	10:32	2,461	
76.2%	10:59	105	
97.0%	7:55	100	
87.1%	9:47	132	
92.7%	9:11	247	
83.6%	11:13	159	
87.2%	10:10	125	
78.1%	12:24	137	
90.3%	9:55	47,880	
87.9%	9:41	858	
94.9%	8:41	584	
83.5%	10:08	437	
90.7%	9:57	408	
84.3%	11:00	204	
89.6%	9:26	135	
85.8%	10:02	169	
90.8%	9:43	803	
88.0%	9:55	409	
89.8%	9:24	137	
79.6%	11:56	181	
83.9%	11:10	378	
89.4%	9:37	123	
92.1%	9:23	305	
82.7%	10:39	185	
92.1%	9:29	406	
91.3%	8:56	138	
77.3%	12:51	132	
89.8%	10:00	62,105	

	% Responses <= 15 Minutes	Average Response Time Minutes	Total Number of First Responses
90.1%	10:22	574	
78.2%	11:46	216	
84.9%	10:46	225	
90.5%	10:07	1,572	
78.1%	12:45	155	
87.9%	10:42	1,402	
79.7%	12:18	138	
84.3%	11:18	166	
87.9%	11:33	182	
88.0%	11:22	175	
87.3%	10:25	213	
88.2%	10:35	2,632	
78.8%	10:35	118	
92.0%	10:04	113	
92.1%	9:08	140	
93.1%	9:15	245	
81.6%	11:43	196	
86.4%	10:27	176	
85.8%	10:19	162	
89.6%	10:10	50,073	
85.3%	10:11	1,000	
94.9%	8:50	549	
82.8%	10:11	488	
93.7%	9:04	428	
83.8%	10:38	204	
90.2%	10:13	153	
91.8%	9:23	194	
92.4%	9:21	775	
87.7%	10:13	416	
94.8%	8:30	154	
74.4%	12:34	180	
88.8%	10:36	430	
86.4%	10:16	118	
88.8%	10:34	312	
85.7%	10:44	251	
94.9%	9:01	374	
92.7%	9:06	178	
75.9%	13:29	108	
89.3%	10:12	65,185	

	% Responses <= 15 Minutes	Average Response Time Minutes	Total Number of First Responses
89.6%	10:14	565	
81.4%	10:42	220	
80.3%	11:07	234	
91.1%	10:09	1,685	
72.4%	13:30	181	
86.6%	10:45	1,504	
73.5%	12:50	113	
84.8%	10:55	151	
82.7%	12:20	173	
83.0%	11:22	182	
89.6%	9:19	192	
88.6%	10:38	2,684	
74.6%	11:10	134	
93.9%	8:54	114	
82.8%	10:08	157	
90.6%	9:37	266	
88.9%	10:23	199	
86.6%	10:28	119	
79.4%	12:07	160	
88.6%	10:24	51,797	
82.2%	10:55	1,079	
93.4%	9:11	589	
81.4%	10:36	478	
89.5%	9:35	485	
88.8%	10:44	197	
91.6%	9:24	143	
92.3%	8:49	168	
92.4%	9:38	827	
86.9%	10:01	503	
91.5%	8:56	117	
83.8%	11:00	167	
83.9%	10:39	478	
86.7%	9:56	143	
90.2%	10:03	317	
81.4%	11:50	291	
93.5%	9:23	416	
89.7%	9:31	175	
69.9%	16:12	153	
88.3%	10:25	67,556	

	% Responses <= 15 Minutes	Average Response Time Minutes	Total Number of First Responses
90.5%	10:11	576	
84.3%	10:25	223	
81.8%	11:17	269	
88.8%	10:39	1,727	
74.3%	12:39	152	
84.9%	11:05	1,663	
80.9%	12:23	131	
86.7%	10:17	173	
76.2%	13:50	172	
83.0%	11:59	159	
87.0%	9:45	208	
88.4%	10:36	2,605	
74.5%	11:44	149	
90.1%	9:52	131	
82.0%	10:39	167	
93.0%	8:54	244	
81.7%	11:28	164	
88.4%	10:06	138	
80.0%	11:16	170	
87.8%	10:31	51,902	
81.8%	11:07	1,028	
93.8%	8:52	625	
78.6%	11:11	448	
92.1%	9:23	419	
85.9%	11:02	227	
85.3%	10:42	136	
92.0%	8:40	224	
92.2%	9:46	869	
84.6%	10:27	455	
88.3%	9:51	171	
72.2%	12:35	234	
84.1%	10:47	414	
81.3%	10:59	128	
93.9%	9:22	330	
80.4%	12:01	245	
93.5%	9:34	385	
87.2%	9:44	164	
73.2%	14:31	142	
87.5%	10:33	67,767	

MAIN

MAP <= 15 Minutes

MAP Average

TABLE

CHART



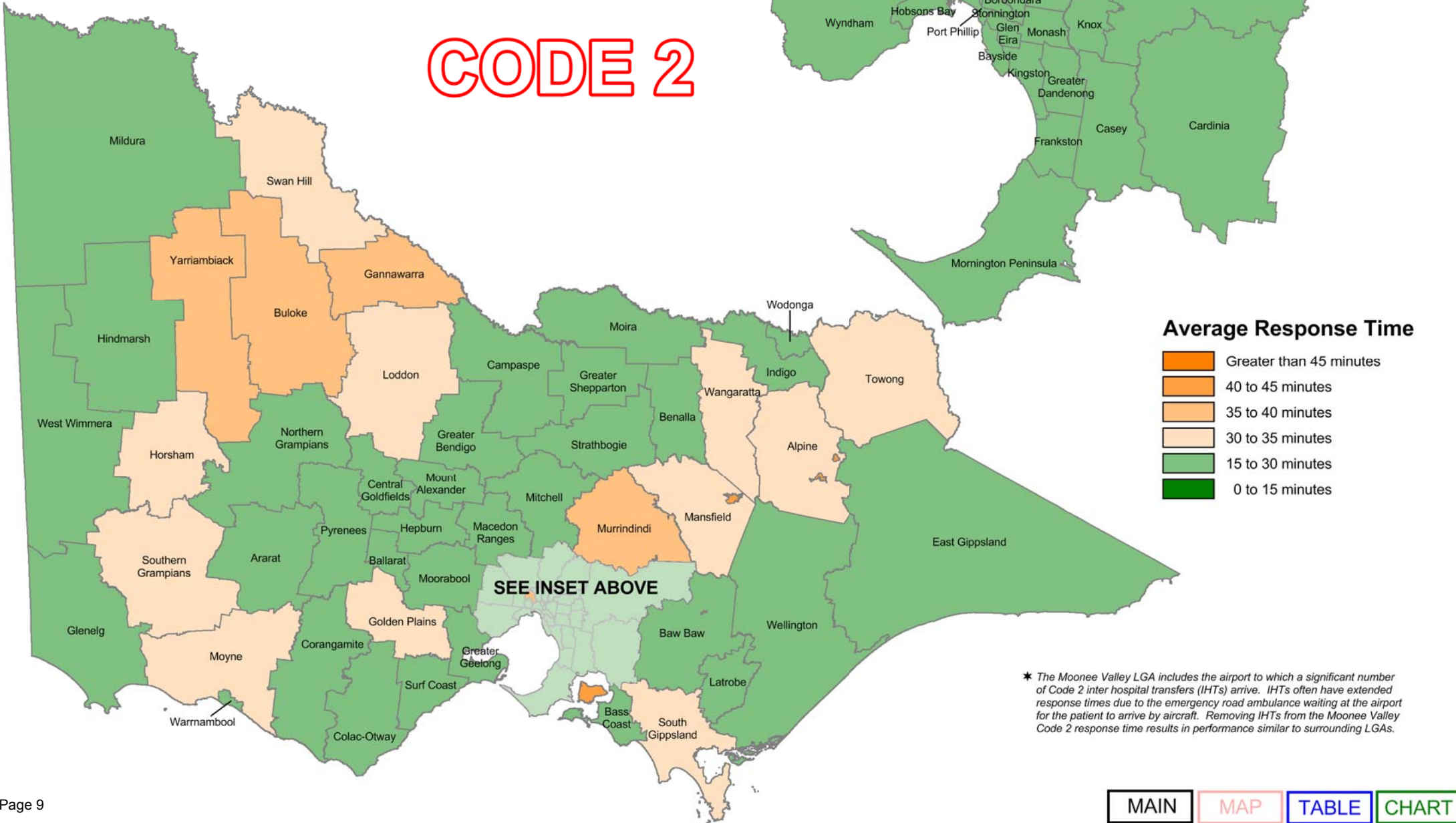


# Ambulance Victoria

Average Code 2 Response Time by LGA

2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

## CODE 2



### Average Response Time

- Greater than 45 minutes
- 40 to 45 minutes
- 35 to 40 minutes
- 30 to 35 minutes
- 15 to 30 minutes
- 0 to 15 minutes

\* The Moonee Valley LGA includes the airport to which a significant number of Code 2 inter hospital transfers (IHTs) arrive. IHTs often have extended response times due to the emergency road ambulance waiting at the airport for the patient to arrive by aircraft. Removing IHTs from the Moonee Valley Code 2 response time results in performance similar to surrounding LGAs.



Code 2 First Response Performance by LGA

Qtr 2 2018/19

Qtr 3 2018/19

Qtr 4 2018/19

Qtr 1 2019/20

Qtr 2 2019/20

Table with columns: LGA Name, Average Response Time Minutes, Total Number of First Responses. Rows include various LGAs like Alpine, Ararat, Ballarat, etc., and a Total AV row at the bottom.

NOTE: The "Total AV" result includes a small number of incidents for which we are unable to determine the LGA.



# Ambulance Victoria

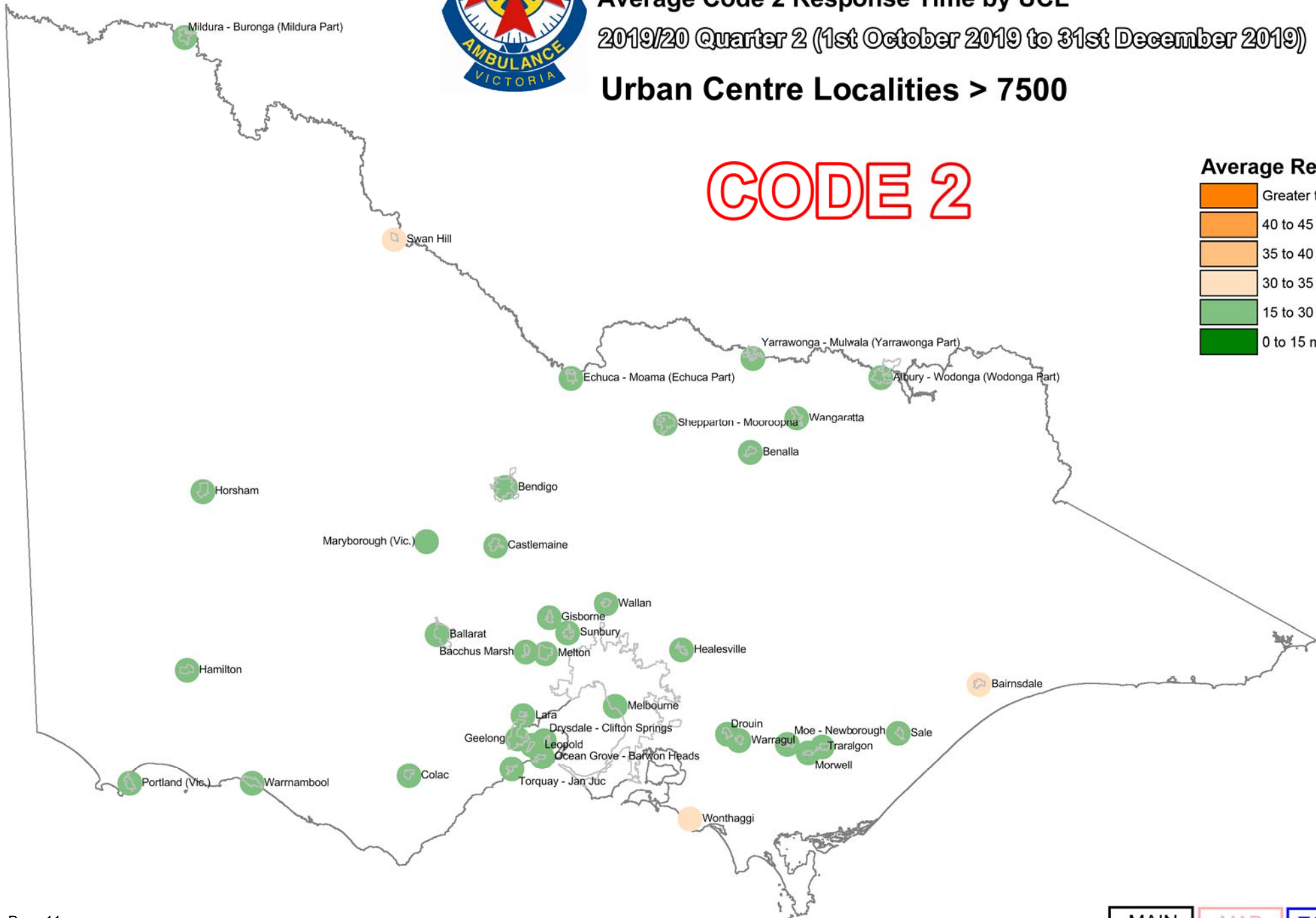
Average Code 2 Response Time by UCL

2019/20 Quarter 2 (1st October 2019 to 31st December 2019)

Urban Centre Localities > 7500

## CODE 2

### Average Response Time





Code 2 First Response Performance by UCL

Qtr 2 2018/19

Qtr 3 2018/19

Qtr 4 2018/19

Qtr 1 2019/20

Qtr 2 2019/20

UCL Name	Average Response Time Minutes	Total Number of First Responses
Albury - Wodonga (Wodonga Part)	23:32	331
Bacchus Marsh	22:16	227
Bairnsdale	32:34	260
Ballarat	22:08	1,049
Benalla	24:04	140
Bendigo	23:55	922
Castlemaine	29:46	134
Colac	30:05	182
Drouin	17:04	107
Drysdale - Clifton Springs	19:34	121
Echuca - Moama (Echuca Part)	32:49	237
Geelong	21:09	1,867
Gisborne	19:33	94
Hamilton	20:20	111
Healesville	17:10	98
Horsham	20:15	160
Lara	20:08	79
Leopold	20:44	70
Maryborough (Vic.)	22:38	175
Melbourne	23:24	35,306
Melton	18:15	624
Mildura - Buronga (Mildura Part)	22:34	430
Moe - Newborough	19:18	290
Morwell	16:28	316
Ocean Grove - Barwon Heads	16:15	132
Portland (Vic.)	26:57	146
Sale	22:12	191
Shepparton - Mooroopna	22:37	643
Sunbury	18:40	326
Swan Hill	35:13	160
Torquay - Jan Juc	19:46	97
Traralgon	24:27	348
Wallan	17:20	82
Wangaratta	27:29	241
Warragul	22:48	249
Warrnambool	21:42	303
Wonthaggi	29:42	171
Yarrawonga - Mulwala (Yarrawonga Part)	23:53	125
Total UCLs > 7500	23:13	46,544

Average Response Time Minutes	Total Number of First Responses
19:16	378
19:47	227
31:02	283
21:26	1,089
25:22	157
23:07	999
30:28	107
24:21	151
20:18	129
19:10	114
28:56	209
21:55	1,791
20:40	81
28:33	106
15:06	107
21:42	188
24:04	97
18:11	69
25:40	193
22:46	35,068
17:54	645
25:11	435
18:57	272
17:54	285
19:26	157
29:29	126
23:13	191
21:43	607
17:34	334
31:48	154
21:53	121
25:08	361
16:36	75
22:37	246
24:36	242
20:49	357
28:06	151
24:50	114
22:40	46,416

Average Response Time Minutes	Total Number of First Responses
24:00	403
20:50	214
36:49	256
22:44	1,020
24:34	168
22:45	1,009
25:27	114
25:54	160
23:46	113
22:15	123
32:17	273
22:13	1,818
20:31	109
18:49	105
16:44	120
29:39	258
25:37	120
21:50	82
25:15	187
23:54	36,156
20:59	627
28:23	470
17:55	263
18:17	291
19:40	136
25:15	158
22:55	204
22:13	654
19:32	353
35:08	150
20:38	145
26:22	340
17:44	94
23:14	257
26:38	262
22:21	313
32:53	205
25:27	126
23:50	47,856

Average Response Time Minutes	Total Number of First Responses
23:47	431
22:48	241
30:03	281
22:52	1,076
26:51	163
23:23	1,073
24:19	126
27:36	178
21:36	112
21:40	118
26:07	216
22:11	1,837
24:25	98
23:21	111
16:56	125
28:14	262
22:04	104
18:59	81
26:28	202
24:54	36,847
22:05	734
30:27	452
20:53	286
19:26	304
19:31	113
20:35	161
21:50	188
22:16	718
20:29	367
31:03	186
20:44	131
26:38	380
16:09	85
28:02	294
27:12	278
21:44	323
29:34	213
27:24	143
24:36	49,038

Average Response Time Minutes	Total Number of First Responses
19:51	396
25:35	274
30:10	280
23:45	1,150
27:59	190
24:15	1,040
28:31	147
23:46	182
23:22	130
22:17	118
29:29	266
23:27	1,859
22:04	97
27:52	105
19:41	109
29:01	240
23:04	104
20:28	65
23:51	163
25:46	37,340
21:49	663
27:46	500
19:52	302
18:23	295
22:28	137
27:34	155
21:54	213
24:22	697
19:27	347
33:07	192
22:16	137
25:44	385
17:53	97
27:23	286
29:59	281
24:09	377
32:21	229
27:03	130
25:26	49,678

MAIN  
MAP  
TABLE  
CHART

## Glossary

<b>Response Time</b>	<p><b>Response time</b> measures the time from a triple zero (000) call being answered and registered by the Emergency Services Telecommunications Authority (ESTA), to the time the first AV resource arrives at the incident scene.</p> <p>Response times are based on data sourced from the Computer Aided Dispatch (CAD) system.</p>
<b>Code 1 incident</b>	<p><b>Code 1</b> incidents require urgent paramedic and hospital care, based on information available at time of call.</p>
<b>Code 2 incident</b>	<p><b>Code 2</b> incidents are acute and time sensitive, but do not require a lights and sirens response.</p>
<b>% &lt;= 15mins</b>	<p>This is the percentage of Code 1 first responses arriving in 15 minutes or less. This is calculated by dividing the number of Code 1 first responses arriving in 15 minutes or less by the total number of Code 1 first arrivals. When AV respond to an incident, we sometimes dispatch multiple AV resources to that incident. “First response” refers to the first AV resource to arrive at the incident scene.</p>
<b>Average Response Time</b>	<p>The average response time is the average response time for the area being reported, which is calculated by dividing the sum of the response times by the number of response times within the area being reported. The average response time is provided in minutes and seconds.</p>
<b>Number of First Responses</b>	<p>This is the total number of first arrivals within the reported time period.</p>
<b>UCL (Urban Centres Localities)</b>	<p>These are geographical areas based on the Australian Bureau of Statistics Urban Centres and Localities (UCLs) boundaries and residential population.</p> <p>Ambulance Victoria reports performance for larger UCLs where population exceeds 7,500 persons.</p>
<b>LGA (Local Government Area)</b>	<p>Local government in Victoria comprises of 79 municipal districts. They are often referred to as <b>local government areas</b> (LGAs). The number of LGAs and their boundaries can change over time. LGAs are as defined by Local Government Victoria, which is part of the Department of Transport, Planning and Local Infrastructure.</p>
<b>Interstate LGAs</b>	<p>Incidents responded to by AV resources outside the Victorian LGA Boundaries</p>