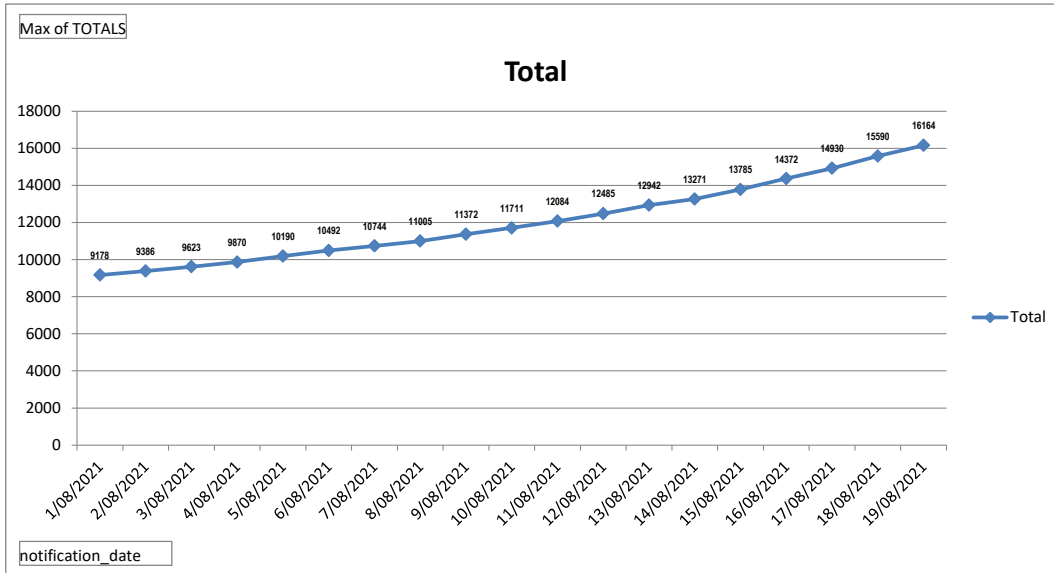


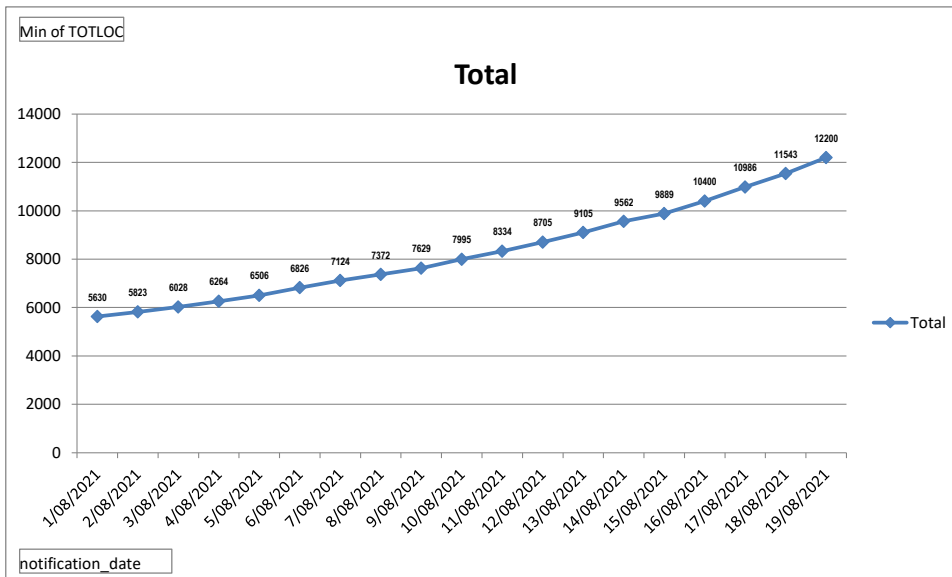
NSW COVID-19	Total	Locally	Overseas	Deaths
Total (from 25-Jan-20)	16164	12677	3487	121
Outbreak from 16-Jun-21	10732	10582	150	65

NSW Total Cases



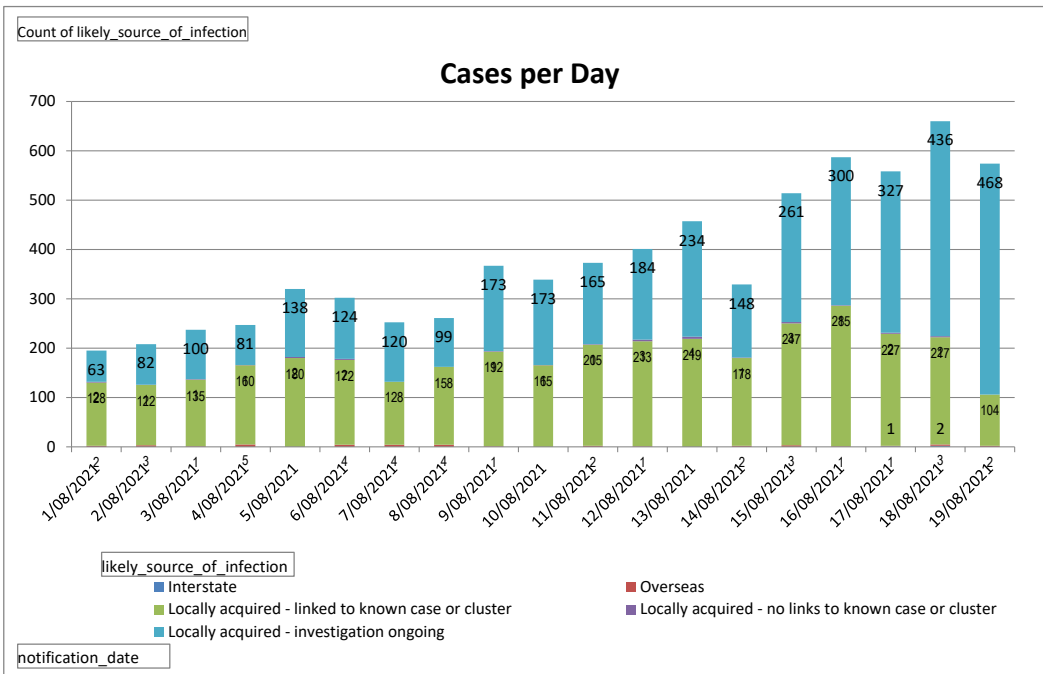
- NSW cases continue to climb, mostly locally transmitted
- *Reports updated to show data from 1st August to the present*

NSW Totals of Locally Acquired Cases ONLY



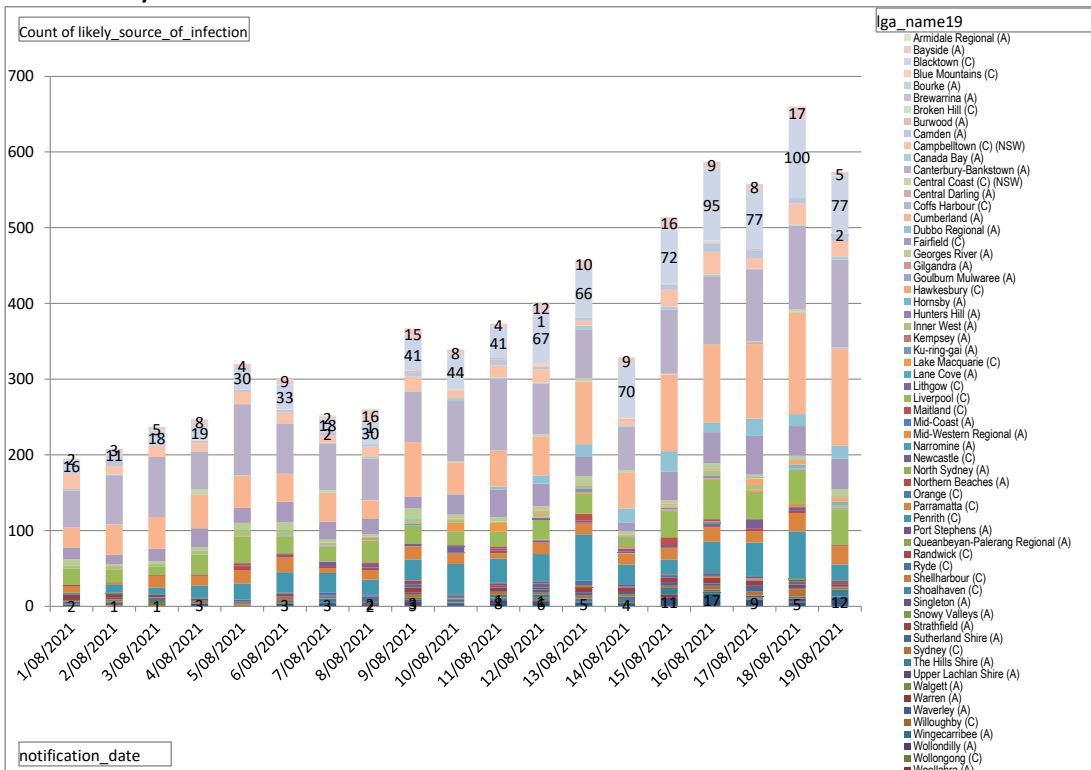
- The current outbreak started on 16th June and has increased daily, and so far continues to grow
- *Total number of cases reported yesterday was 646 but only 574 of those were included in the NSW Health data file.*

NSW Cases by Day



- A total of 2379 new cases in the last 4 days.
- From the 2379, only 10 cases overseas acquired with 2369 locally acquired (100%) - 1531 from unknown sources (investigated)
- 1531 Number of cases with unknown sources is too high now**

NSW Cases by Area



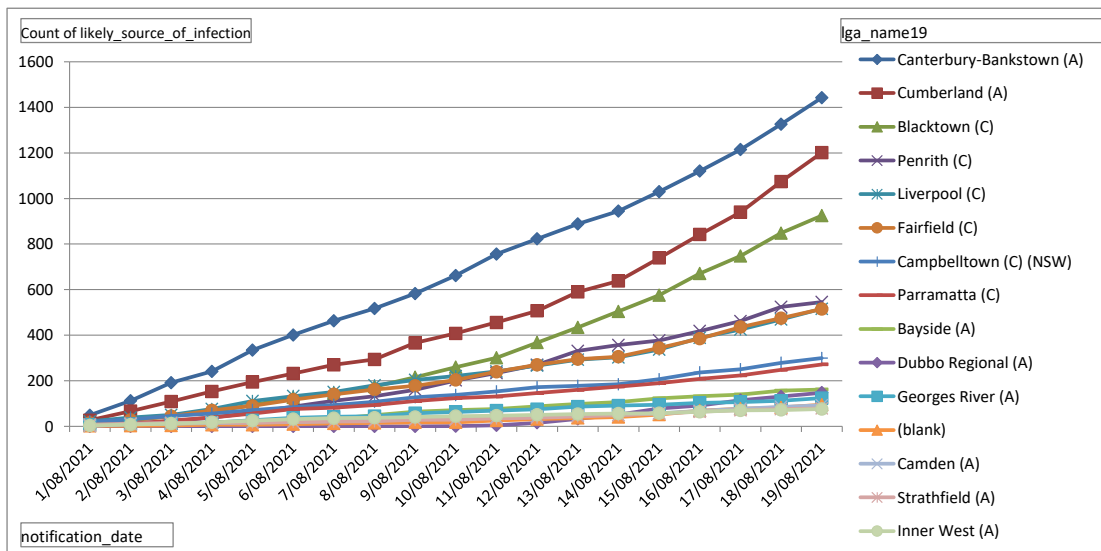
- A total of 24 LGAs got new cases after 1st August (no cases in this outbreak before 1st August) (they are: Armidale Regional (A), Bourke (A), Brewarrina (A), Broken Hill (C), Central Darling (A), Coffs Harbour (C), Dubbo Regional (A), Gilgandra (A), Kempsey (A), Lithgow (C), Maitland (C), Mid-Western Regional (A), Narromine (A), Newcastle (C), Orange (C), Port Stephens (A), Queanbeyan-Palerang Regional (A), Shellharbour (C), Shoalhaven (C), Singleton (A), Snowy Valleys (A), Upper Lachlan Shire (A), Walgett (A), Warren (A))
- 6 LGAs with new cases in the last 3 days: Brewarrina (A), Central Darling (A), Kempsey (A), Queanbeyan-Palerang Regional (A), Shoalhaven (C), Upper Lachlan Shire (A)**

Row Labels	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Armidale Regional (A)							2	1																								4
Ballina (A)												1																				
Bathurst Regional (A)																																
Bayside (A)	2	3	5	8	4	9	2	16	15	8	4	12	10	9	16	9	8	17	5													162
Blacktown (C)	16	11	18	19	30	33	18	30	41	44	41	67	66	70	72	95	77	100	77													925
Blue Mountains (C)				1		1						3		2		1	1	1	2													9
Bourke (A)																1	1	1	2													5
Brewarrina (A)																			2													2
Broken Hill (C)																1		1														1
Burwood (A)		1		2		3			2		2	1					1	2	1													15
Cabonne (A)																																
Camden (A)	2	8	2	2	3	2	4	3	5	1	8	4	4	2	7	11	10	8	7													93
Campbelltown (C) (NSW)	20	11	15	10	16	12	10	14	20	10	16	18	6	7	22	30	14	28	21													300
Canada Bay (A)	2	2		1		1	1	2	1	4	2	1	5	2	4	2	1	1	4													36
Canterbury-Bankstown (A)	49	64	79	49	94	66	62	54	66	79	94	67	65	57	85	90	95	111	116													1442
Central Coast (C) (NSW)				8	1		3			2		3	4	3	1		1	3	1													30
Central Darling (A)																	3	1	2													6
Coffs Harbour (C)								1																								1
Cumberland (A)	27	40	42	44	42	37	38	24	72	42	48	51	83	48	101	103	98	134	127													1201
Dubbo Regional (A)											1	4	11	17	19	27	13	23	16	17												148
Fairfield (C)	15	13	17	25	20	27	24	21	16	26	36	30	25	11	38	41	51	39	40													515
Georges River (A)	8	2	3	4	10	11	4	3	13	5	6	6	12	4	4	8	4	6	11													124
Gilgandra (A)																			1													3
Glen Innes Severn (A)																	1		1													3
Goulburn Mulwaree (A)																																1
Gunnedah (A)																																
Hawkesbury (C)										1		3	1		3	1	9	5	5													28
Hornsby (A)																		5	3													10
Hunters Hill (A)														1					1													2
Inner West (A)	4	4	4	6	7	7	4	2	3	4	2	4	3	2	2	6	6	2	4													76
Inverell (A)																																
Kempsey (A)																		1		1												2
Ku-ring-gai (A)						1	1	1	1	1			4	1	2	4		1	1													17
Lake Macquarie (C)					1		1	2	2	11	11	2	2	2	2	2			1													40
Lane Cove (A)							1	2	1	1	1	1	1	1						1												9
Lithgow (C)																																2
Liverpool (C)	22	17	11	26	35	22	18	29	24	17	20	26	26	10	34	52	36	44	47													516
Maitland (C)				1	3	2		2		1	3	1	9	1	10	3	1		1													38
Mid-Coast (A)																																
Mid-Western Regional (A)																																7
Narromine (A)																																2
Newcastle (C)					1	3	6	5	4	8	2	3	2	4	3	3	11	5	1													61
North Sydney (A)																																1
Northern Beaches (A)	2		1	1	6		3	4				1	4		2	1	1	2	4	3												35
Orange (C)																																1
Parramatta (C)	8	3	15	13	17	20	6	12	17	13	7	15	14	15	15	19	15	24	24													272
Penrith (C)	2	11	10	16	21	27	26	20	28	41	32	36	61	26	20	41	44	62	21													545
Port Stephens (A)							2	1				1	1		3	1																9
Queanbeyan-Palerang Regional																																2
Randwick (C)						1			1	5	1	3	2		1	1	1	1	2	3												22
Ryde (C)	1	1		1	3	1	2	6	4	3	2	5	6	1	2	3	2	4	2													49
Shellharbour (C)																																8
Shoalhaven (C)																																2
Singleton (A)																																1
Snowy Valleys (A)																																1
Strathfield (A)	7	5	3	2		3	1	1	7	1	5	3	6	5	7	8	7	5	3													79
Sutherland Shire (A)	1	2		1		2	2	1	2	3	1	4	3	4	3	4	3	7	1	1												42
Sydney (C)	1	3	1	3	4	4	1		5	1	4	3	4	3	3	5	6	9	3													63
The Hills Shire (A)	2	1	4	1	1	2	5		2	1	3	4	4	5	9	2	1	3	9													59
Upper Lachlan Shire (A)																																1
Wagga (A)												1	3																			4
Warren (A)																																8
Waverley (A)	1	2			1	1	2	1	3	4	1	1	1	1			2	1	1													23
Willoughby (C)	1	2	3																													9
Wingecarribee (A)						1																										1
Wollondilly (A)																																3
Wollongong (C)			3																													5
Woolahra (A)																																7
(blank)	2	1	1	3		3	3	2	3		1	1		8	6	5	4	11	17	9	5	12										95
Total	195	208	237	247	320	302	252	261	367	339	373	401	457	329	514	587	558	660	574													7181

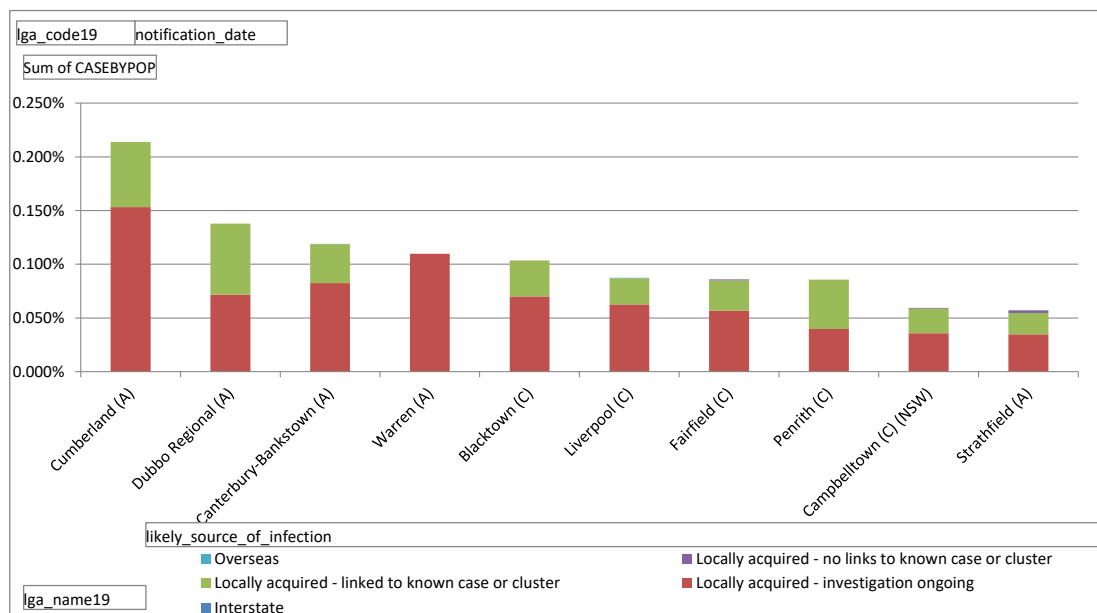
- Cases reported last 4 days from: Cumberland 462, Canterbury-Bankstown 412, Blacktown 349, Liverpool 179, Fairfield 171, Penrith 168, Campbelltown 93, Parramatta 82, Dubbo Regional 69, Overseas 43, Bayside 39, Camden 36, Georges River 29, Strathfield 23, Sydney 23, Newcastle 20, Hawkesbury 20, Inner West 18, The Hills Shire 15, Sutherland Shire 12, Ryde 11, Northern Beaches 9, Hornsby 8, Canada Bay 8, Randwick 7, Central Darling 6, Maitland 5, Central Coast 5, Ku-ring-gai 5, Mid-Western Regional 5, Waverley 4, Burwood 4, Bourke 4, Shellharbour 4, Lake Macquarie 4, Warren 3, Gilgandra 3, Kempsey 2, Narromine 2, Queanbeyan-Palerang Regional 2, Brewarrina 2, Willoughby 2, Shoalhaven 2, Lane Cove 1, Hunters Hill 1, Goulburn Mulwaree 1, Wingecarribee 1, Broken Hill 1, Wollondilly 1, Wollongong 1, Blue Mountains 1, Upper Lachlan Shire 1.

- "(blank)" in the area is used to identify "Overseas" cases, and/or local cases with "Unknown" LGA

NSW Trends of the TOP-10 "Hotspot" LGAs (the areas to avoid!)

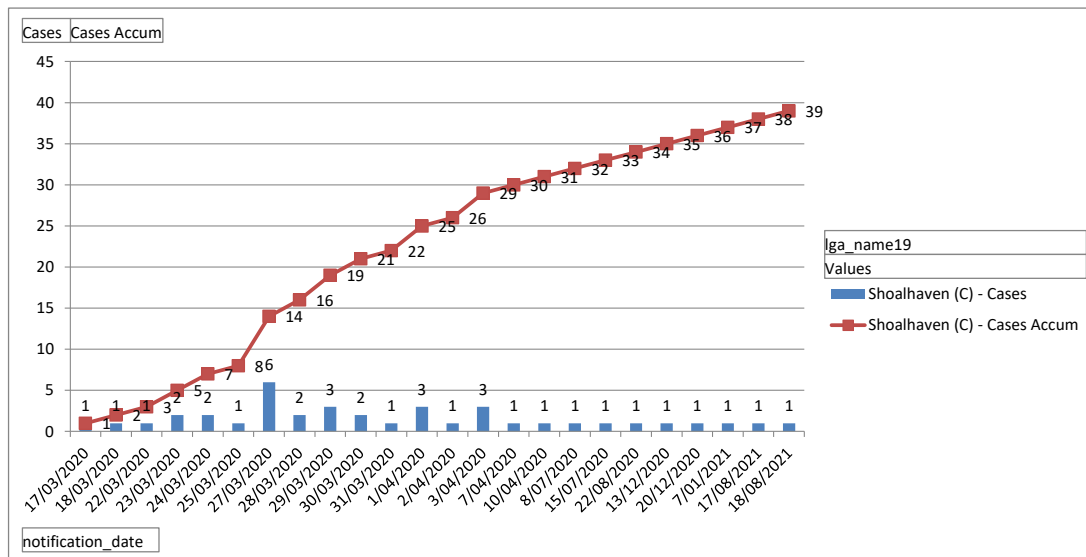


TOP-10 NSW LGAs with highest new cases proportional to their population for last 4 days



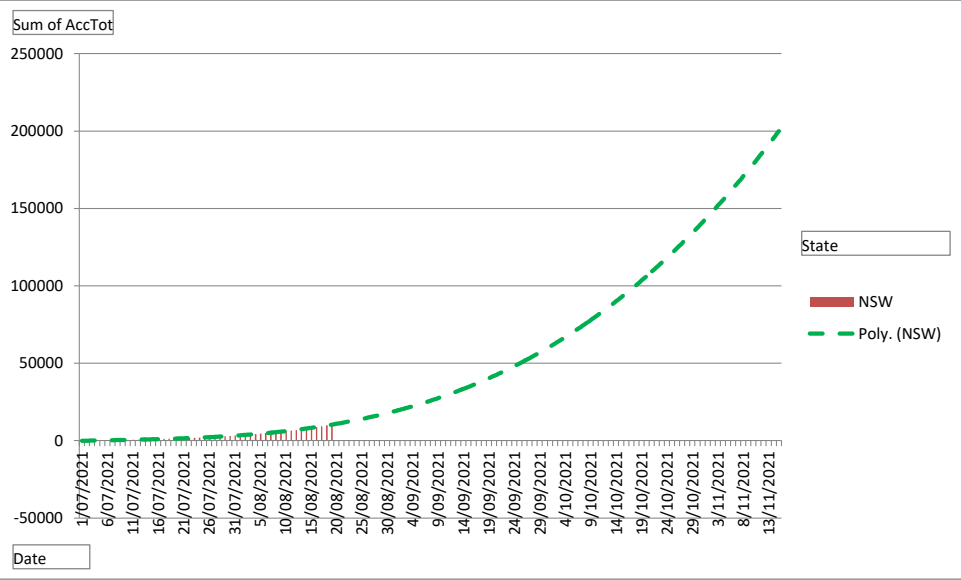
- Warren, Cumberland and Dubbo Regional have the highest number of new cases per population last 4 days

SHOALHAVEN Cases



- 2 new cases reported in the Shoalhaven LGA (17th and 18th Aug) - Both cases are Overseas Acquired (not local)
- During the last 4 days, new cases were reported in: Wollongong, Shellharbour, Wingecarribee.

PROJECTIONS of Cases using current Trend to 15th Nov (target Herd Immunity from Vaccination)



- *If the trend of new cases continue, we could end up around 20 times the number of current cases by 15th November - That is then we target to achieve Herd Immunity from Vaccination in NSW*
- *It is critical that we contain the outbreak and reduce the daily number of new cases immediately to avoid this, 20 times the ICU beds is a lot more than the ICU bed capacity in NSW -- that could cause 20 times the number of deaths as well*
- *If the number of new cases start to lower later this week, it is still possible that they could gradually reduce to a manageable volume (<30 daily) by 1st week in Oct - THIS LOCKDOWN MUST WORK!*