

Appendix FIVE: Base and High COVID-19 case scenarios

- Households requiring assistance is from the actual number of provider referrals. Provider referrals are counted for two weeks to reflect that a provider will likely have to support a household for the two-week period of self-isolation.
- Actual numbers for households requiring assistance are used up until 12/2/22. For these actual numbers, only referrals from MSD are taken into account and therefore does not account for all households that providers are supporting.
- This model assumes on initial Omicron spread that on 12/2/22 there are 600 cases per day and on 13/2/22 there are 800 cases per day.

For the base scenario

- Food
 - November Delta funding is exhausted in the week commencing 14/03/22
 - November Contingency funding of \$25m is exhausted in the week commencing 28/03/22
 - February Omicron funding of \$34.5m is exhausted in the week commencing 25/04/2022
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- Non-food essentials
 - November Delta funding for non-food essentials is exhausted in the week commencing 28/03/22
 - November Contingency funding of \$19.5m is exhausted in the week commencing 25/04/2022
 - February Omicron funding of \$26.9.m is not exhausted within the modelling window

Base scenario

CASE NUMBERS			FOOD SECURE				DISCRETIONARY FUNDING			
Week Commencing	Cases per week	Households Requiring Assistance	Food costs per week	November Delta Funding	November contingency \$25m	February Omicron funding \$34.5m	Discretionary costs per week	November Delta Funding	November contingency of \$19.5m	February Omicron funding \$26.9m
11/29/2021	887	3	\$ 690	\$ 14 099 310	\$ 39 099 310	\$ 73 599 310	\$ 630	\$ 19 499 370	\$ 38 999 370	\$ 65 899 370
12/6/2021	655	49	\$ 11,270	\$ 14,088,040	\$ 39,088,040	\$ 73,588,040	\$ 10,290	\$ 19,489,080	\$ 38,989,080	\$ 65,889,080
12/13/2021	509	139	\$ 31,970	\$ 14,056,070	\$ 39,056,070	\$ 73,556,070	\$ 29,190	\$ 19,459,890	\$ 38,959,890	\$ 65,859,890
12/20/2021	404	139	\$ 31,970	\$ 14,024,100	\$ 39,024,100	\$ 73,524,100	\$ 29,190	\$ 19,430,700	\$ 38,930,700	\$ 65,830,700
12/27/2021	407	146	\$ 33 580	\$ 13 990 520	\$ 38 990 520	\$ 73 490 520	\$ 30 660	\$ 19 400 040	\$ 38 900 040	\$ 65 800 040
1/3/2022	427	166	\$ 38 180	\$ 13 952 340	\$ 38 952 340	\$ 73 452 340	\$ 34 860	\$ 19 365 180	\$ 38 865 180	\$ 65 765 180
1/10/2022	394	124	\$ 28,520	\$ 13,923,820	\$ 38,923,820	\$ 73,423,820	\$ 26,040	\$ 19,339,140	\$ 38,839,140	\$ 65,739,140
1/17/2022	394	134	\$ 30,820	\$ 13,893,000	\$ 38,893,000	\$ 73,393,000	\$ 28,140	\$ 19,311,000	\$ 38,811,000	\$ 65,711,000
1/24/2022	394	254	\$ 58,420	\$ 13,834,580	\$ 38,834,580	\$ 73,334,580	\$ 53,340	\$ 19,257,660	\$ 38,757,660	\$ 65,657,660
1/31/2022	957	467	\$ 193,338	\$ 13,641,242	\$ 38,641,242	\$ 73,141,242	\$ 98,070	\$ 19,159,590	\$ 38,659,590	\$ 65,559,590
2/7/2022	1,914	905	\$ 374,670	\$ 13,266,572	\$ 38,266,572	\$ 72,766,572	\$ 190,050	\$ 18,969,540	\$ 38,469,540	\$ 65,369,540
2/14/2022	3,828	1,994	\$ 825,326	\$ 12,441,246	\$ 37,441,246	\$ 71,941,246	\$ 418,643	\$ 18,550,897	\$ 38,050,897	\$ 64,950,897
2/21/2022	7 656	3 987	\$ 1 650 651	\$ 10 790 595	\$ 35 790 595	\$ 70 290 595	\$ 837 287	\$ 17 713 610	\$ 37 213 610	\$ 64 113 610
2/28/2022	15,313	7,974	\$ 3,301,303	\$ 7,489,292	\$ 32,489,292	\$ 66,989,292	\$ 1,674,574	\$ 16,039,036	\$ 35,539,036	\$ 62,439,036
3/7/2022	23,000	13,301	\$ 5,506,663	\$ 1,982,629	\$ 26,982,629	\$ 61,482,629	\$ 2,793,235	\$ 13,245,801	\$ 32,745,801	\$ 59,645,801
3/14/2022	32,500	19,268	\$ 7,977,026	\$ (5,994,396)	\$ 19,005,604	\$ 53,505,604	\$ 4,046,317	\$ 9,199,484	\$ 28,699,484	\$ 55,599,484
3/21/2022	35 000	23 434	\$ 10 169 646	\$ (16 164 043)	\$ 8 835 957	\$ 43 335 957	\$ 4 921 197	\$ 4 278 287	\$ 23 778 287	\$ 50 678 287
3/28/2022	35 000	24 302	\$ 10 768 522	\$ (26 932 565)	\$ (1 932 565)	\$ 32 567 435	\$ 5 103 463	\$ (825 177)	\$ 18 674 823	\$ 45 574 823
4/4/2022	35,000	24,302	\$ 10,768,522	\$ (37,701,087)	\$ (12,701,087)	\$ 21,798,913	\$ 5,103,463	\$ (5,928,640)	\$ 13,571,360	\$ 40,471,360
4/11/2022	35,000	24,302	\$ 10,768,522	\$ (48,469,610)	\$ (23,469,610)	\$ 11,030,390	\$ 5,103,463	\$ (11,032,103)	\$ 8,467,897	\$ 35,367,897
4/18/2022	35,000	24,302	\$ 10,768,522	\$ (59,238,132)	\$ (34,238,132)	\$ 261,868	\$ 5,103,463	\$ (16,135,566)	\$ 3,364,434	\$ 30,264,434
4/25/2022	35,000	24,302	\$ 10,768,522	\$ (70,006,654)	\$ (45,006,654)	\$ (10,506,654)	\$ 5,103,463	\$ (21,239,030)	\$ (1,739,030)	\$ 25,160,970
5/2/2022	35,000	24,302	\$ 10,768,522	\$ (80,775,176)	\$ (55,775,176)	\$ (21,275,176)	\$ 5,103,463	\$ (26,342,493)	\$ (6,842,493)	\$ 20,057,507
5/9/2022	21,000	19,442	\$ 8,048,891	\$ (88,824,067)	\$ (63,824,067)	\$ (29,324,067)	\$ 4,082,771	\$ (30,425,264)	\$ (10,925,264)	\$ 15,974,736
5/16/2022	12,600	11,665	\$ 4,829,334	\$ (93,653,402)	\$ (68,653,402)	\$ (34,153,402)	\$ 2,449,662	\$ (32,874,926)	\$ (13,374,926)	\$ 13,525,074

For a high scenario

- **Food**
 - November Delta funding is exhausted in the week commencing 14/03/22
 - November Contingency funding of \$25m is exhausted in the week commencing 21/03/22
 - February Omicron funding of \$34.5m is exhausted in the week commencing 28/03/22

- **Non-food essentials**
 - November Delta funding for non-food essentials is exhausted in the week commencing 21/03/2022
 - November Contingency funding of \$19.5m is exhausted in the week commencing 28/03/22
 - February Omicron funding of \$26.9.m is exhausted in the week commencing 11/04/2022

High scenario

Week Commencing	Cases per week	Households Requiring Assistance	FOOD SECURE				DISCRETIONARY FUNDING			
			Food costs per week	November Delta Funding	November contingency \$25m	February Omicron funding \$34.5m	Discretionary costs per week	November Delta Funding	November contingency of \$19.5m	February Omicron funding \$26.9m
11/29/2021	887	3	\$ 690	\$ 14,099,310	\$ 39,099,310	\$ 73,599,310	\$ 630	\$ 19,499,370	\$ 38,999,370	\$ 65,899,370
12/6/2021	655	49	\$ 11,270	\$ 14,088,040	\$ 39,088,040	\$ 73,588,040	\$ 10,290	\$ 19,489,080	\$ 38,989,080	\$ 65,889,080
12/13/2021	509	139	\$ 31,970	\$ 14,056,070	\$ 39,056,070	\$ 73,556,070	\$ 29,190	\$ 19,459,890	\$ 38,959,890	\$ 65,859,890
12/20/2021	404	139	\$ 31,970	\$ 14,024,100	\$ 39,024,100	\$ 73,524,100	\$ 29,190	\$ 19,430,700	\$ 38,930,700	\$ 65,830,700
12/27/2021	407	146	\$ 33,580	\$ 13,990,520	\$ 38,990,520	\$ 73,490,520	\$ 30,660	\$ 19,400,040	\$ 38,900,040	\$ 65,800,040
1/3/2022	427	166	\$ 38,180	\$ 13,952,340	\$ 38,952,340	\$ 73,452,340	\$ 34,860	\$ 19,365,180	\$ 38,865,180	\$ 65,765,180
1/10/2022	394	124	\$ 28,520	\$ 13,923,820	\$ 38,923,820	\$ 73,423,820	\$ 26,040	\$ 19,339,140	\$ 38,839,140	\$ 65,739,140
1/17/2022	394	134	\$ 30,820	\$ 13,893,000	\$ 38,893,000	\$ 73,393,000	\$ 28,140	\$ 19,311,000	\$ 38,811,000	\$ 65,711,000
1/24/2022	394	254	\$ 58,420	\$ 13,834,580	\$ 38,834,580	\$ 73,334,580	\$ 53,340	\$ 19,257,660	\$ 38,757,660	\$ 65,657,660
1/31/2022	957	467	\$ 193,338	\$ 13,641,242	\$ 38,641,242	\$ 73,141,242	\$ 98,070	\$ 19,159,590	\$ 38,659,590	\$ 65,559,590
2/7/2022	1,914	905	\$ 374,670	\$ 13,266,572	\$ 38,266,572	\$ 72,766,572	\$ 190,050	\$ 18,969,540	\$ 38,469,540	\$ 65,369,540
2/14/2022	3,828	1,994	\$ 825,326	\$ 12,441,246	\$ 37,441,246	\$ 71,941,246	\$ 418,643	\$ 18,550,897	\$ 38,050,897	\$ 64,950,897
2/21/2022	7,656	3,987	\$ 1,650,651	\$ 10,790,595	\$ 35,790,595	\$ 70,290,595	\$ 837,287	\$ 17,713,610	\$ 37,213,610	\$ 64,113,610
2/28/2022	15,313	7,974	\$ 3,301,303	\$ 7,489,292	\$ 32,489,292	\$ 66,989,292	\$ 1,674,574	\$ 16,039,036	\$ 35,539,036	\$ 62,439,036
3/7/2022	30,625	15,948	\$ 6,602,606	\$ 886,686	\$ 25,886,686	\$ 60,386,686	\$ 3,349,148	\$ 12,689,888	\$ 32,189,888	\$ 59,089,888
3/14/2022	61,250	31,897	\$ 16,008,685	\$ (15,121,999)	\$ 9,878,001	\$ 44,378,001	\$ 6,698,296	\$ 5,991,592	\$ 25,491,592	\$ 52,391,592
3/21/2022	122,500	63,793	\$ 38,017,371	\$ (53,139,370)	\$ (28,139,370)	\$ 6,360,630	\$ 13,396,591	\$ (7,404,999)	\$ 12,095,001	\$ 38,995,001
3/28/2022	122,500	85,058	\$ 52,689,828	\$ (105,829,198)	\$ (80,829,198)	\$ (46,329,198)	\$ 17,862,122	\$ (25,267,120)	\$ (5,767,120)	\$ 21,132,880
4/4/2022	110,250	80,805	\$ 49,755,337	\$ (155,584,534)	\$ (130,584,534)	\$ (96,084,534)	\$ 16,969,015	\$ (42,236,136)	\$ (22,736,136)	\$ 4,163,864
4/11/2022	88,200	68,897	\$ 41,538,761	\$ (197,123,295)	\$ (172,123,295)	\$ (137,623,295)	\$ 14,468,318	\$ (56,704,454)	\$ (37,204,454)	\$ (10,304,454)
4/18/2022	70,560	55,117	\$ 32,031,008	\$ (229,154,303)	\$ (204,154,303)	\$ (169,654,303)	\$ 11,574,655	\$ (68,279,109)	\$ (48,779,109)	\$ (21,879,109)
4/25/2022	52,920	42,869	\$ 23,579,673	\$ (252,733,977)	\$ (227,733,977)	\$ (193,233,977)	\$ 9,002,509	\$ (77,281,618)	\$ (57,781,618)	\$ (30,881,618)
5/2/2022	37,044	31,233	\$ 15,550,905	\$ (268,284,882)	\$ (243,284,882)	\$ (208,784,882)	\$ 6,558,971	\$ (83,840,589)	\$ (64,340,589)	\$ (37,440,589)
5/9/2022	24,079	21,220	\$ 8,785,163	\$ (277,070,044)	\$ (252,070,044)	\$ (217,570,044)	\$ 4,456,242	\$ (88,296,831)	\$ (68,796,831)	\$ (41,896,831)
5/16/2022	14,447	13,375	\$ 5,537,315	\$ (282,607,359)	\$ (257,607,359)	\$ (223,107,359)	\$ 2,808,783	\$ (91,105,614)	\$ (71,605,614)	\$ (44,705,614)