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2021-04-01	20,222		211	
2021-05-01	25,770		269	
2021-06-01	33,344		348	
2021-07-01	52,135		544	
2021-08-01	34,860		364	
2021-09-01	31,596		329	
2021-10-01	31,660		330	
2021-11-01	17,353	111		0.6%
2021-12-01	10,628	111		1.0%
2022-01-01	10,537	142		1.3%
2022-02-01	10,690	100		0.9%
2022-03-01	29,821	241		0.8%
2022-04-01	21,649	69		0.3%
2022-05-01	128,304	118		0.1%
2022-06-01	79,854	530		0.7%
2022-07-01	35,057	407		1.2%
2022-08-01	28,636	178		0.6%
2022-09-01	42,848	196		0.5%
2022-10-01	35,176	15		<0.1%
2022-11-01	60,005		626	
2022-12-01	22,196		231	
2023-01-01	12,328		128	
2023-02-01	4,118		43	
2023-03-01	3,705		38	
2023-04-01	1,523		15	
2023-05-01	131,675	554		0.4%
2023-06-01	29,230	514		1.8%
2023-07-01	32,447	469		1.4%
2023-08-01	31,388	383		1.2%
2023-09-01	15,970	319		2.0%
2023-10-01	16,489	345		2.1%
2023-11-01	36,871	353		1.0%
2023-12-01	28,333	324		1.1%
2024-01-01	26,939	416		1.5%
2024-02-01	24,005	475		2.0%
2024-03-01	103	4		3.9%
Totals:	1,476,139	6,374	6,798	Median %: 1.0%

Table 54 - Estimated Number of Hard-Linked Disables by Month

Month	Total Enforcements	Number of Hard-link Enforcements	Est. Number of Hard-link Enforcements	% Hard-link Enforcements
2017-10-01	1,258	192	32	
2017-11-01	2,431	331	103	
2017-12-01	57	8	2	
2018-01-01	50	5	3	
2018-02-01	61	4	6	
2018-03-01	112	2	18	
2018-04-01	164	8	21	
2018-05-01	161	12	16	
2018-06-01	16,630	12	2,960	
2018-07-01	368	4	61	
2018-08-01	302	14	39	
2018-09-01	341	6	54	
2018-10-01	294	9	43	
2018-11-01	479	9	76	
2018-12-01	677	17	103	
2019-01-01	602	9	98	

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2019-02-01	674	23	97	
2019-03-01	2,140	10	372	
2019-04-01	1,446	23	235	
2019-05-01	1,514	3	267	
2019-06-01	1,772	9	307	
2019-07-01	2,586	13	449	
2019-08-01	2,936	6	518	
2019-09-01	1,949	31	317	
2019-10-01	2,109	12	364	
2019-11-01	2,934	19	505	
2019-12-01	3,839	55	631	
2020-01-01	5,753	38	990	
2020-02-01	7,166	22	1,258	
2020-03-01	19,729	12	3,513	
2020-04-01	12,051	21	2,132	
2020-05-01	13,914	22	2,464	
2020-06-01	12,648	29	2,231	
2020-07-01	11,993	44	2,099	
2020-08-01	10,534	54	1,828	
2020-09-01	9,684	40	1,690	
2020-10-01	44,247	56	7,851	
2020-11-01	6,862	64	1,162	
2020-12-01	30,739	67	5,426	
2021-01-01	34,453	101	6,056	
2021-02-01	39,960	2,057	5,084	
2021-03-01	48,618	13,051	0	
2021-04-01	31,562	4,352	1,288	
2021-05-01	23,908	91	4,181	
2021-06-01	26,932	70	4,743	
2021-07-01	46,378	83	8,205	
2021-08-01	90,693	72	16,136	
2021-09-01	86,429	91	15,355	
2021-10-01	45,179	1,125		2.5%
2021-11-01	42,529	3,922		9.2%
2021-12-01	35,348	4,745		13.4%
2022-01-01	28,141	5,223		18.6%
2022-02-01	39,794	4,991		12.5%
2022-03-01	65,126	5,077		7.8%
2022-04-01	52,095	5,070		9.7%
2022-05-01	175,801	6,046		3.4%
2022-06-01	561,345	6,349		1.1%
2022-07-01	106,006	5,279		5.0%
2022-08-01	92,911	8,484		9.1%
2022-09-01	64,315	7,152		11.1%
2022-10-01	77,752	7,476		9.6%
2022-11-01	52,925	6,269		11.8%
2022-12-01	84,229	8,110		9.6%
2023-01-01	54,158	8,747		16.2%
2023-02-01	44,604	10,136		22.7%
2023-03-01	35,620	7,614		21.4%
2023-04-01	35,158	11,369		32.3%
2023-05-01	49,713	17,532		35.3%
2023-06-01	44,567	5,382		12.1%
2023-07-01	45,649	4,948		10.8%
2023-08-01	29,974	5,877		19.6%
2023-09-01	21,788	3,970		18.2%
2023-10-01	91,091	3,211		3.5%
2023-11-01	28,387	3,417		12.0%
2023-12-01	38,384	4,577		11.9%

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2024-01-01	42,163	9,864		23.4%
2024-02-01	48,196	11,832		24.5%
2024-03-01	47,081	8,250		17.5%
2024-04-01	11,434	2,394		20.9%
2024-05-01	10,116	2,377		23.5%
2024-06-01	12,132	4,031		33.2%
2024-07-01	26,353	6,298		23.9%
2024-08-01	40,098	21,903		54.6%
2024-09-01	41,618	23,143		55.6%
2024-10-01	25,054	10,284		41.0%
2024-11-01	25,742	7,750		30.1%
2024-12-01	24,117	7,067		29.3%
2025-01-01	19,016	6,528		34.3%
2025-02-01	11,987	4,268		35.6%
2025-03-01	3,592	1,421		39.6%
Totals:	3,093,427	320,791	101,389	Median %: 17.9%

Table 56.1 - Estimated Number of Hard-Linked Enforcements by Month

181. This analysis suggests that Meta could have detected substantial numbers of additional underage accounts, had Meta started performing hard-link enforcements (or fixed its system) earlier. Notably, Meta has used hard-links for disabling accounts for other types of policy violations since at least mid-2018,²¹⁶ and has long allowed users to affirmatively connect their accounts through hard-linking.²¹⁷

5.5.6 Results on Estimation of Underage Soft-Match Enforcements

182. This analysis of Meta’s productions focuses on US users that (potentially) should be enforced against for being “soft-matched” (which I discuss in Section 4) to an account that was checkpointed or disabled for being underage. Here, I estimate the number of soft-match enforcements Meta may have actioned if they implemented this feature. This section relies on FB-to-

²¹⁶ META3047MDL-040-00350729.

²¹⁷ META3047MDL-072-00151844 (October 2017 discussion of proposal to use data from “Hard-Matched” Instagram and Facebook accounts).