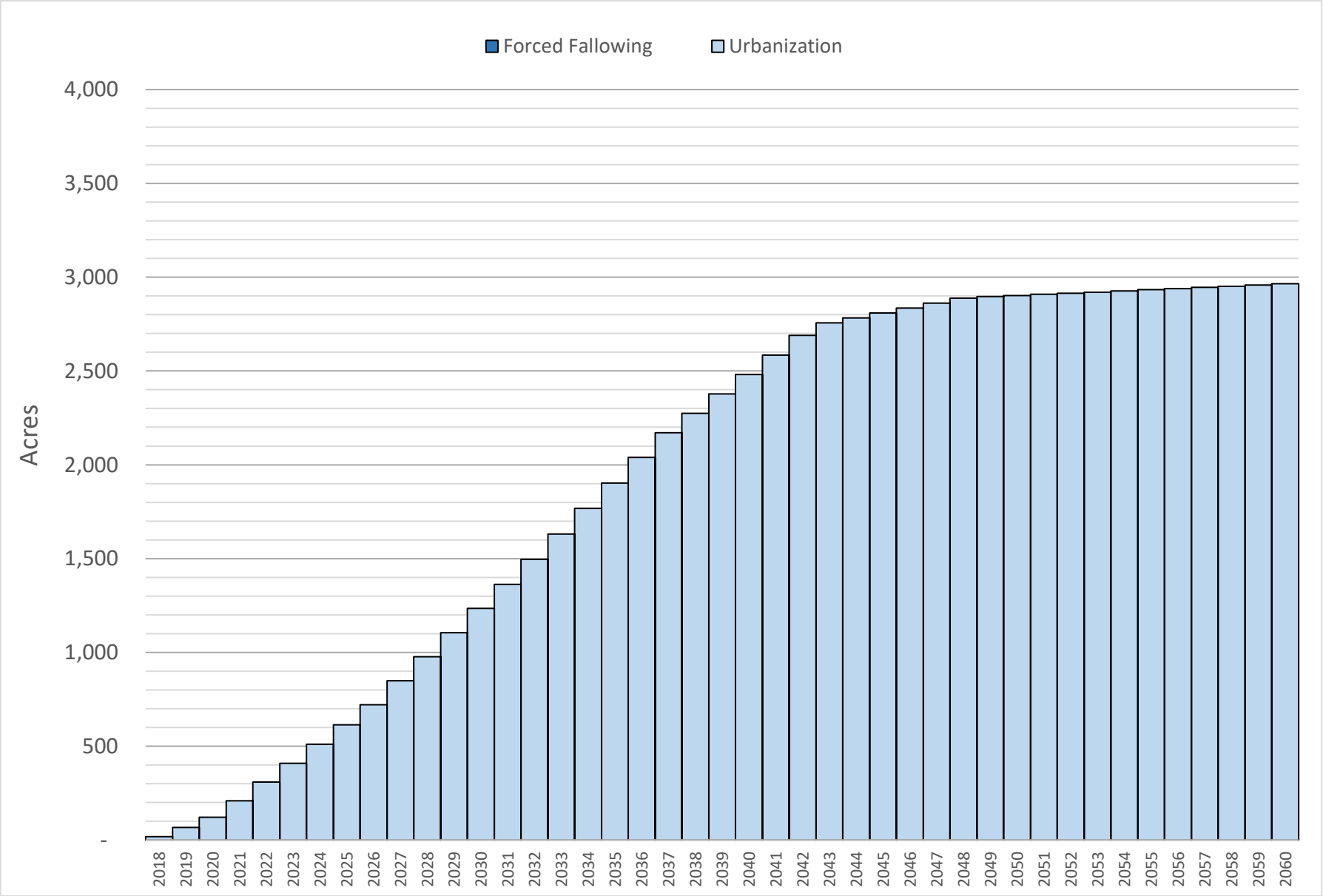


Central Arizona Project Service Area Model

Reduction in Agricultural Acres

A. Highest Demand [EMSBS]

High growth rate, spillover (suburban) growth pattern, hotter and drier climate, unlimited Ag pumping capacity



MSIDD

Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	18	0
2019	67	0
2020	122	0
2021	209	0
2022	309	0
2023	410	0
2024	511	0
2025	614	0
2026	721	0
2027	849	0
2028	977	0
2029	1,106	0
2030	1,234	0
2031	1,362	0
2032	1,496	0
2033	1,631	0
2034	1,767	0
2035	1,903	0
2036	2,039	0
2037	2,171	0
2038	2,274	0
2039	2,378	0
2040	2,482	0
2041	2,585	0
2042	2,690	0
2043	2,757	0
2044	2,783	0
2045	2,809	0
2046	2,835	0
2047	2,862	0
2048	2,888	0
2049	2,897	0
2050	2,903	0
2051	2,909	0
2052	2,914	0
2053	2,920	0
2054	2,927	0
2055	2,933	0
2056	2,939	0
2057	2,946	0
2058	2,951	0
2059	2,958	0
2060	2,966	0

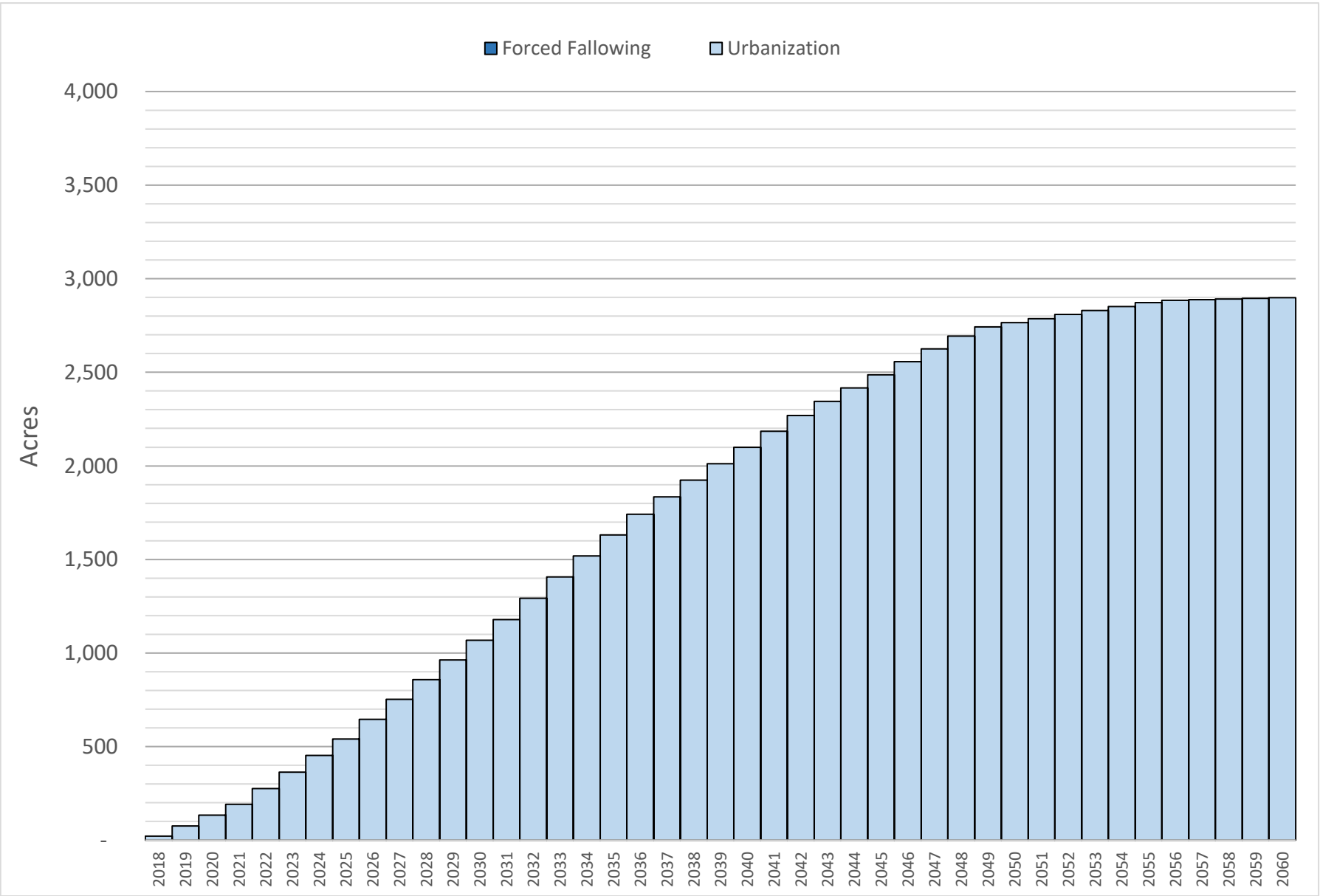
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

B. Having it All [EMSBS]

Medium growth rate, local growth pattern, hotter and drier climate, unlimited Ag pumping capacity

MSIDD



Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	22	0
2019	76	0
2020	133	0
2021	192	0
2022	276	0
2023	364	0
2024	452	0
2025	541	0
2026	646	0
2027	753	0
2028	859	0
2029	964	0
2030	1,068	0
2031	1,178	0
2032	1,293	0
2033	1,406	0
2034	1,519	0
2035	1,630	0
2036	1,741	0
2037	1,834	0
2038	1,923	0
2039	2,011	0
2040	2,099	0
2041	2,185	0
2042	2,270	0
2043	2,345	0
2044	2,417	0
2045	2,487	0
2046	2,557	0
2047	2,626	0
2048	2,693	0
2049	2,742	0
2050	2,765	0
2051	2,787	0
2052	2,809	0
2053	2,831	0
2054	2,852	0
2055	2,873	0
2056	2,885	0
2057	2,888	0
2058	2,891	0
2059	2,895	0
2060	2,898	0

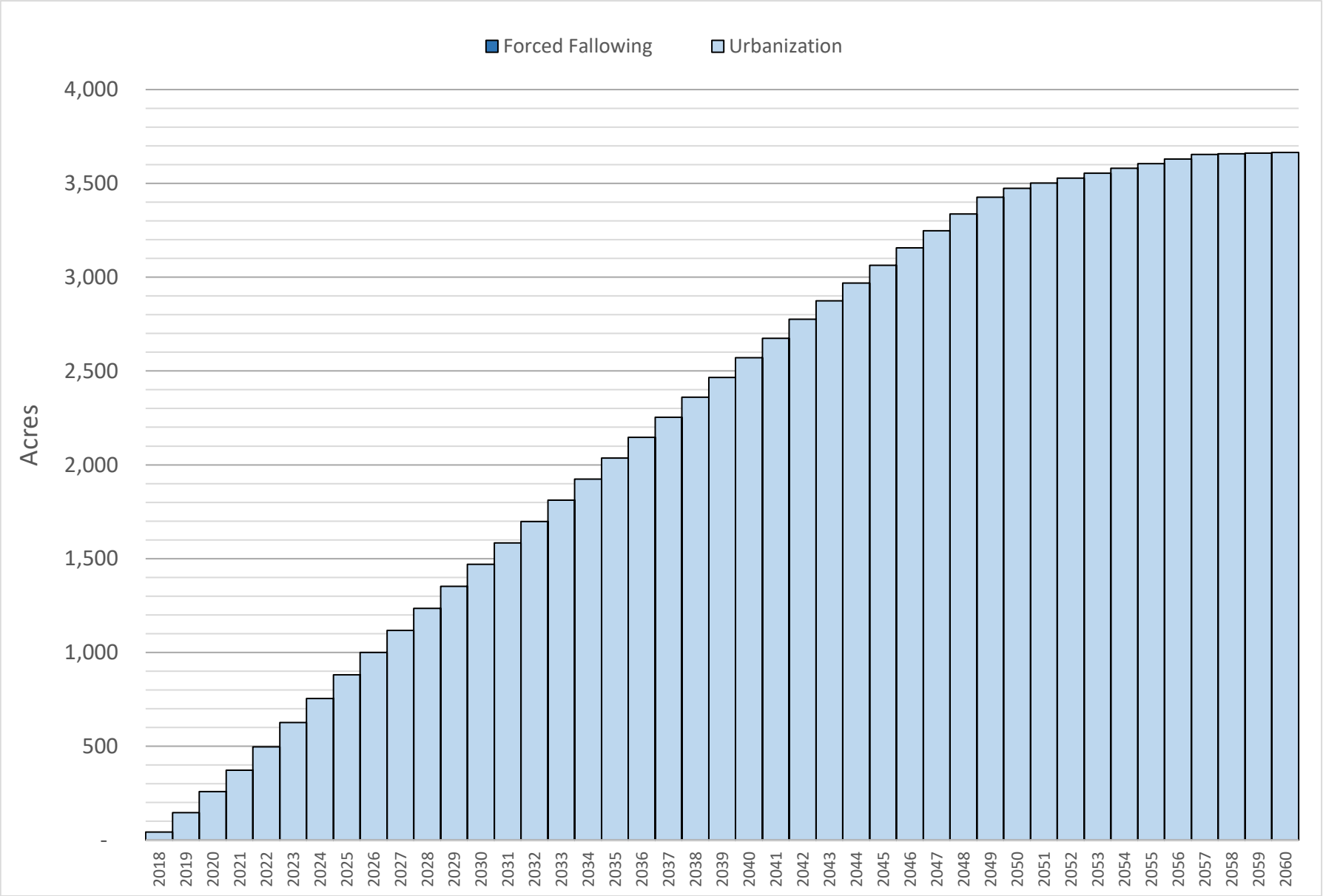
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

C. Medium, Strong Ag [EMSBS]

MSIDD

Medium growth rate, official growth pattern, hot and dry climate, unlimited Ag pumping capacity. Pairwise comparison to Scenario D.



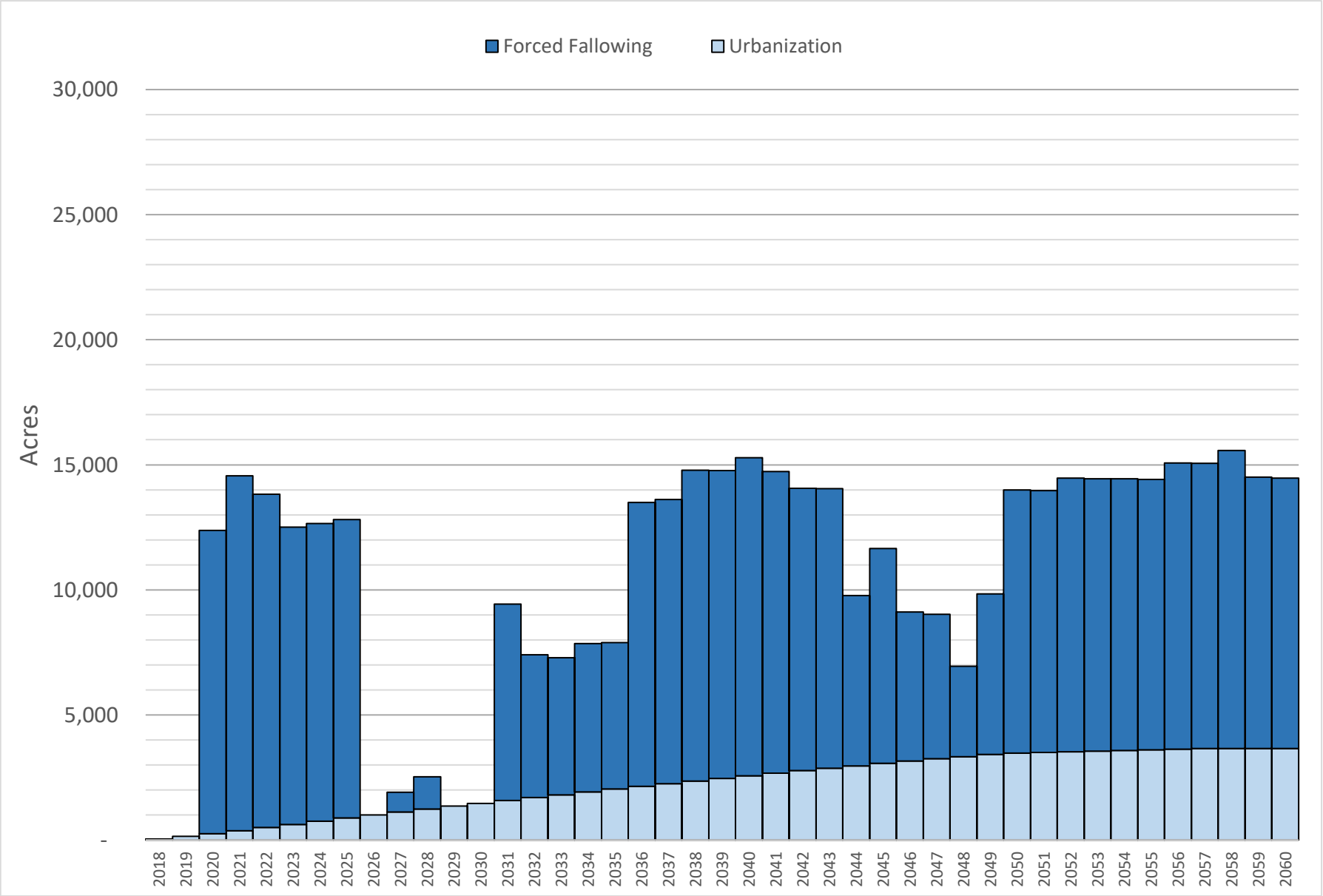
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	42	0
2019	147	0
2020	258	0
2021	373	0
2022	497	0
2023	626	0
2024	755	0
2025	881	0
2026	1,000	0
2027	1,118	0
2028	1,236	0
2029	1,353	0
2030	1,469	0
2031	1,584	0
2032	1,698	0
2033	1,812	0
2034	1,925	0
2035	2,036	0
2036	2,146	0
2037	2,254	0
2038	2,361	0
2039	2,466	0
2040	2,571	0
2041	2,673	0
2042	2,775	0
2043	2,874	0
2044	2,969	0
2045	3,063	0
2046	3,156	0
2047	3,247	0
2048	3,337	0
2049	3,426	0
2050	3,474	0
2051	3,501	0
2052	3,528	0
2053	3,554	0
2054	3,580	0
2055	3,605	0
2056	3,630	0
2057	3,654	0
2058	3,659	0
2059	3,662	0
2060	3,665	0

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equal to 1.5x the max gw use from 2003 to 2013.
Pairwise comparison to Scenario C.



MSIDD

Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	42	0
2019	147	0
2020	258	12,119
2021	373	14,186
2022	497	13,327
2023	626	11,878
2024	755	11,904
2025	881	11,924
2026	1,000	0
2027	1,118	796
2028	1,236	1,291
2029	1,353	0
2030	1,469	0
2031	1,584	7,844
2032	1,698	5,711
2033	1,812	5,477
2034	1,925	5,924
2035	2,036	5,858
2036	2,146	11,355
2037	2,254	11,363
2038	2,361	12,429
2039	2,466	12,304
2040	2,571	12,715
2041	2,673	12,059
2042	2,775	11,286
2043	2,874	11,170
2044	2,969	6,811
2045	3,063	8,587
2046	3,156	5,955
2047	3,247	5,780
2048	3,337	3,604
2049	3,426	6,420
2050	3,474	10,525
2051	3,501	10,470
2052	3,528	10,937
2053	3,554	10,888
2054	3,580	10,859
2055	3,605	10,806
2056	3,630	11,445
2057	3,654	11,400
2058	3,659	11,913
2059	3,662	10,844
2060	3,665	10,809

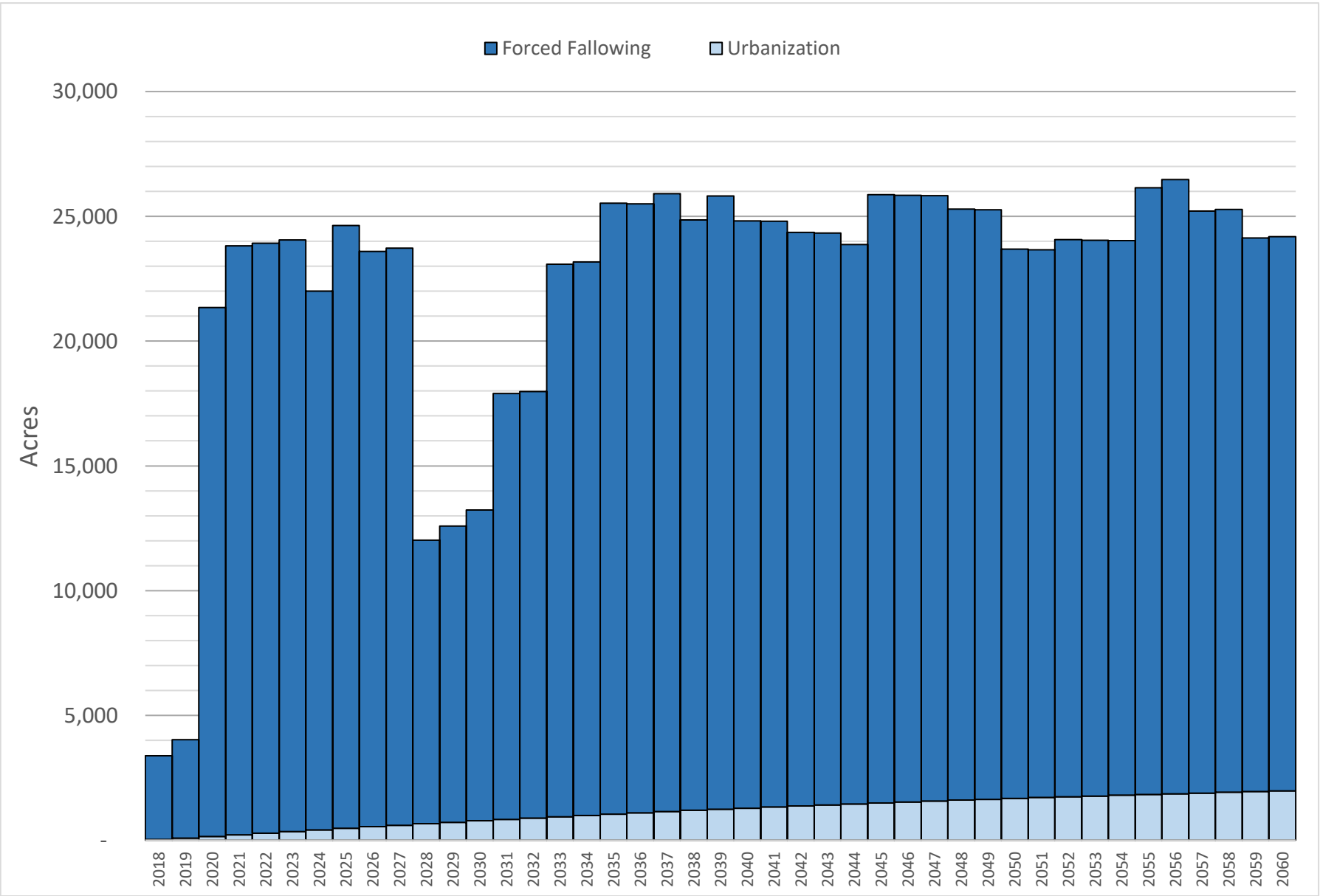
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

E. Lowest Demand, Hot [EMSBS]

Slow growth rate, dense urbanization growth pattern, hotter and drier climate, Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional DCP pumping capacity. Pairwise comparison to Scenario F.

MSIDD



Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	27	3,360
2019	88	3,939
2020	150	21,200
2021	213	23,605
2022	278	23,644
2023	346	23,703
2024	412	21,594
2025	476	24,162
2026	539	23,061
2027	601	23,127
2028	661	11,363
2029	721	11,863
2030	779	12,457
2031	835	17,066
2032	890	17,093
2033	943	22,134
2034	996	22,180
2035	1,048	24,481
2036	1,098	24,409
2037	1,146	24,756
2038	1,194	23,666
2039	1,241	24,581
2040	1,286	23,532
2041	1,330	23,473
2042	1,373	22,979
2043	1,414	22,921
2044	1,454	22,417
2045	1,494	24,370
2046	1,532	24,313
2047	1,569	24,256
2048	1,605	23,681
2049	1,641	23,626
2050	1,675	22,016
2051	1,708	21,951
2052	1,740	22,320
2053	1,772	22,264
2054	1,802	22,223
2055	1,832	24,310
2056	1,861	24,612
2057	1,891	23,325
2058	1,920	23,355
2059	1,948	22,182
2060	1,976	22,210

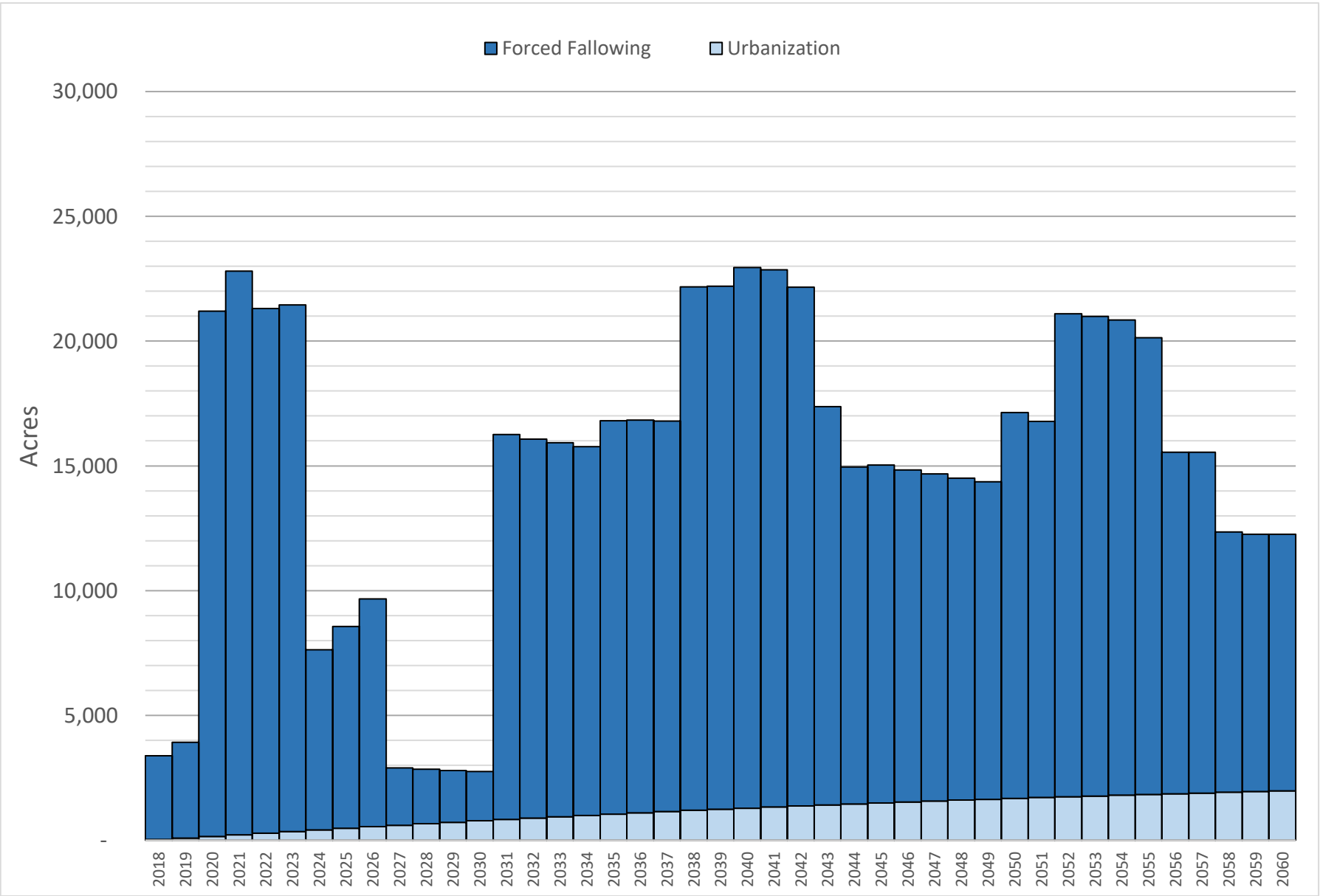
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

F. Lowest Demand, Historic [EMSBS]

Slow growth rate, dense urbanization growth pattern, historic climate, Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional DCP pumping capacity. Pairwise comparison to Scenario E.

MSIDD



Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	27	3,360
2019	88	3,837
2020	150	21,055
2021	213	22,598
2022	278	21,026
2023	346	21,104
2024	412	7,219
2025	476	8,084
2026	539	9,124
2027	601	2,301
2028	661	2,177
2029	721	2,074
2030	779	1,974
2031	835	15,416
2032	890	15,187
2033	943	14,979
2034	996	14,772
2035	1,048	15,765
2036	1,098	15,738
2037	1,146	15,652
2038	1,194	20,985
2039	1,241	20,956
2040	1,286	21,666
2041	1,330	21,530
2042	1,373	20,786
2043	1,414	15,965
2044	1,454	13,504
2045	1,494	13,538
2046	1,532	13,303
2047	1,569	13,112
2048	1,605	12,900
2049	1,641	12,719
2050	1,675	15,467
2051	1,708	15,080
2052	1,740	19,348
2053	1,772	19,215
2054	1,802	19,044
2055	1,832	18,301
2056	1,861	13,692
2057	1,891	13,656
2058	1,920	10,430
2059	1,948	10,315
2060	1,976	10,287