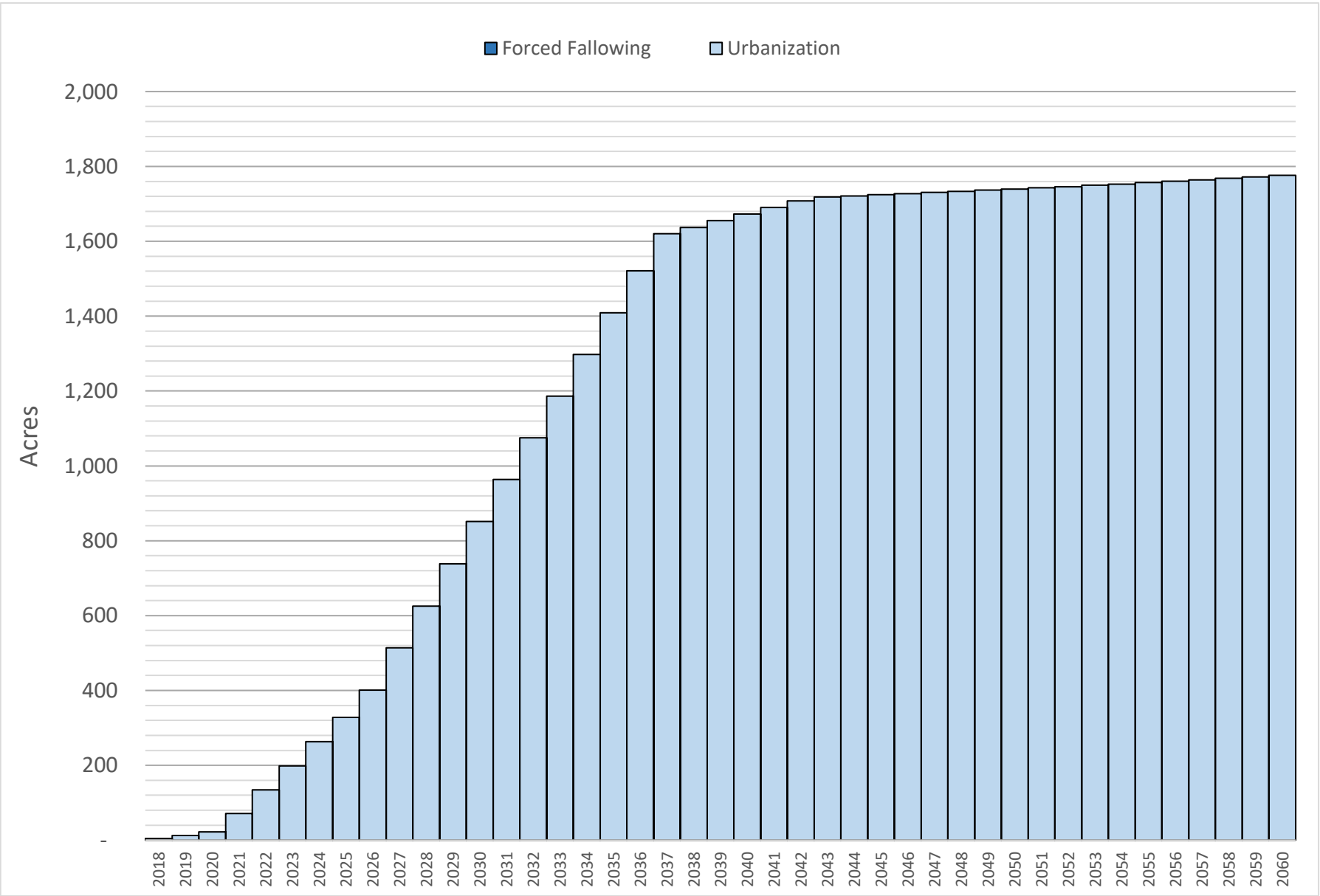


Central Arizona Project Service Area Model

Reduction in Agricultural Acres

A. Highest Demand [EMSBS]

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



Hohokam

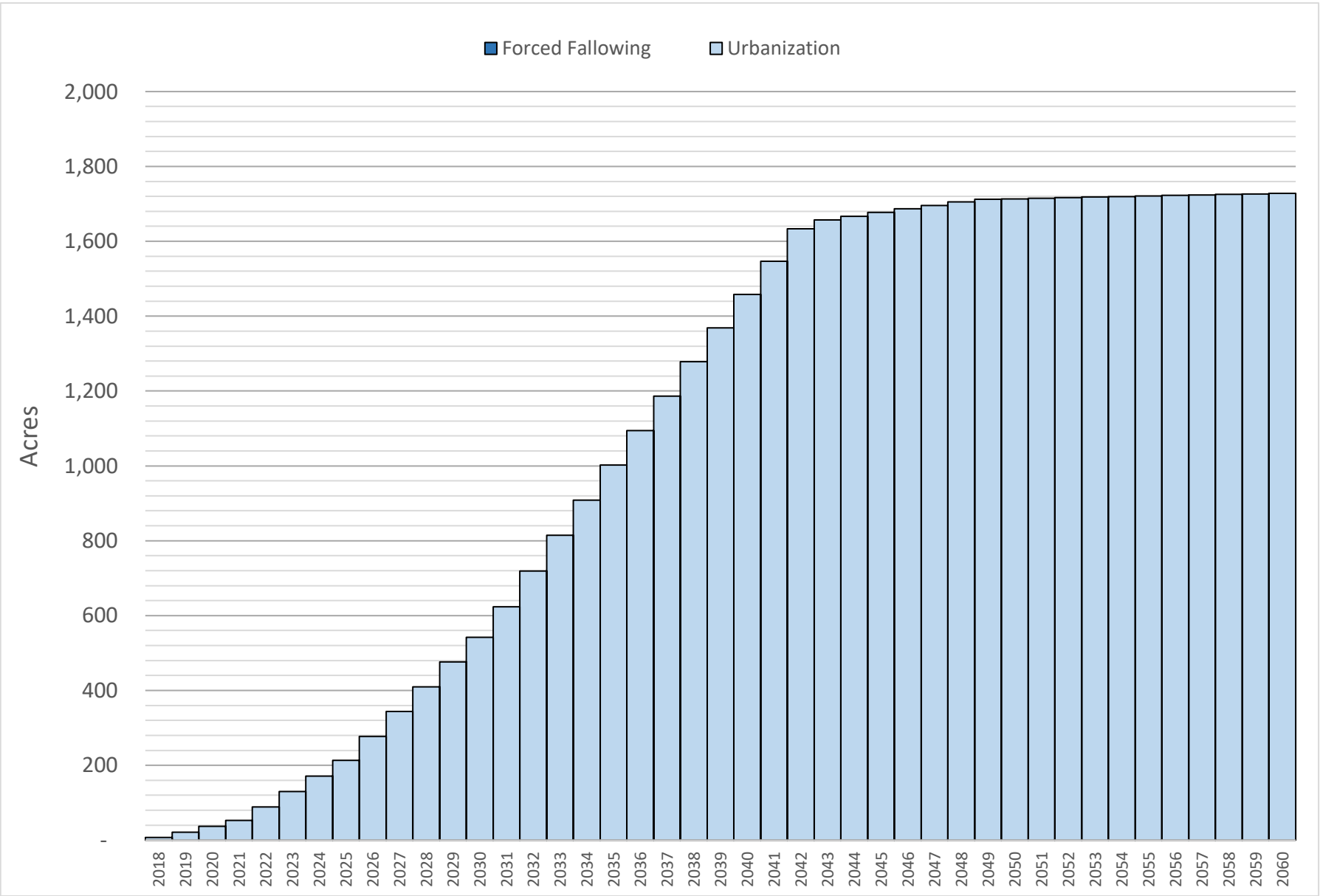
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	5	0
2019	13	0
2020	23	0
2021	72	0
2022	134	0
2023	198	0
2024	263	0
2025	328	0
2026	401	0
2027	514	0
2028	626	0
2029	738	0
2030	851	0
2031	963	0
2032	1,075	0
2033	1,187	0
2034	1,298	0
2035	1,409	0
2036	1,521	0
2037	1,620	0
2038	1,637	0
2039	1,655	0
2040	1,673	0
2041	1,690	0
2042	1,708	0
2043	1,719	0
2044	1,721	0
2045	1,725	0
2046	1,728	0
2047	1,731	0
2048	1,734	0
2049	1,737	0
2050	1,740	0
2051	1,743	0
2052	1,746	0
2053	1,750	0
2054	1,753	0
2055	1,757	0
2056	1,760	0
2057	1,764	0
2058	1,768	0
2059	1,772	0
2060	1,776	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



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Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	7	0
2019	21	0
2020	37	0
2021	53	0
2022	89	0
2023	130	0
2024	172	0
2025	213	0
2026	277	0
2027	344	0
2028	410	0
2029	476	0
2030	542	0
2031	623	0
2032	719	0
2033	814	0
2034	909	0
2035	1,002	0
2036	1,094	0
2037	1,187	0
2038	1,278	0
2039	1,368	0
2040	1,458	0
2041	1,546	0
2042	1,634	0
2043	1,657	0
2044	1,667	0
2045	1,677	0
2046	1,687	0
2047	1,696	0
2048	1,706	0
2049	1,712	0
2050	1,713	0
2051	1,715	0
2052	1,717	0
2053	1,718	0
2054	1,720	0
2055	1,721	0
2056	1,723	0
2057	1,724	0
2058	1,726	0
2059	1,727	0
2060	1,728	0

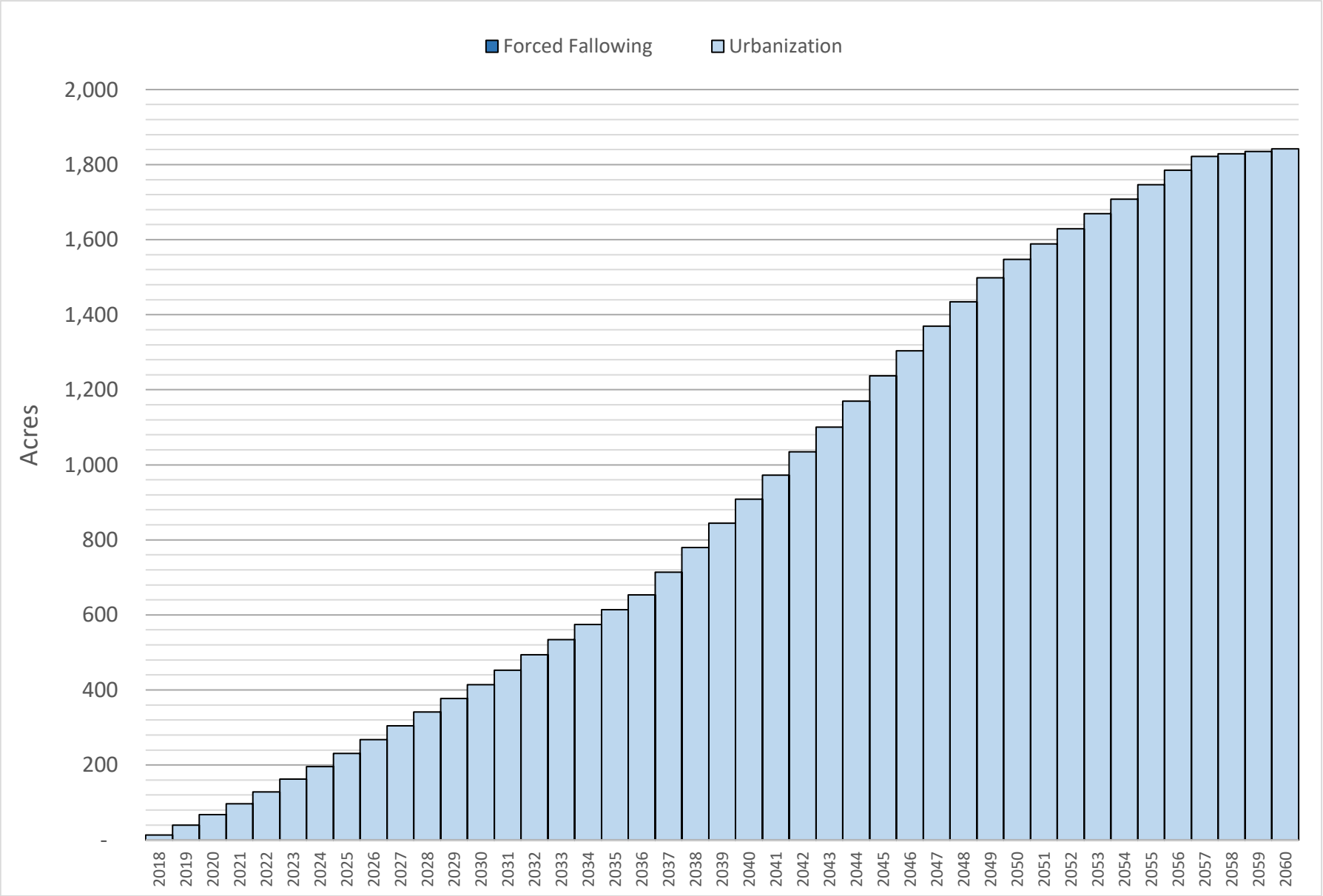
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

C. Medium, Strong Ag [EMSBS]

Hohokam

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



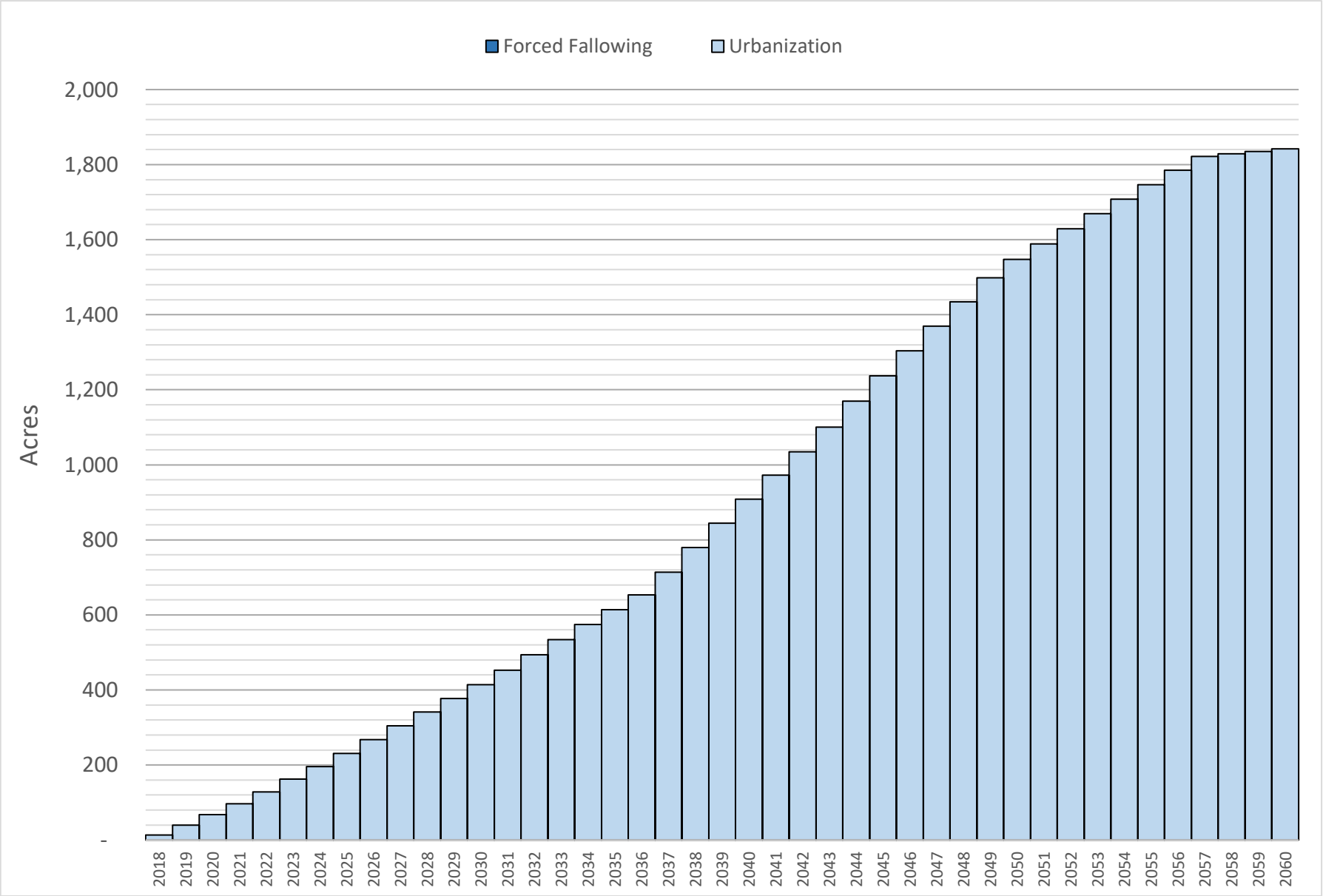
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	13	0
2019	39	0
2020	68	0
2021	96	0
2022	129	0
2023	162	0
2024	196	0
2025	231	0
2026	268	0
2027	305	0
2028	341	0
2029	378	0
2030	414	0
2031	453	0
2032	494	0
2033	534	0
2034	574	0
2035	614	0
2036	654	0
2037	714	0
2038	779	0
2039	845	0
2040	909	0
2041	972	0
2042	1,035	0
2043	1,101	0
2044	1,169	0
2045	1,237	0
2046	1,304	0
2047	1,370	0
2048	1,435	0
2049	1,499	0
2050	1,548	0
2051	1,589	0
2052	1,629	0
2053	1,669	0
2054	1,708	0
2055	1,747	0
2056	1,785	0
2057	1,822	0
2058	1,829	0
2059	1,835	0
2060	1,842	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.



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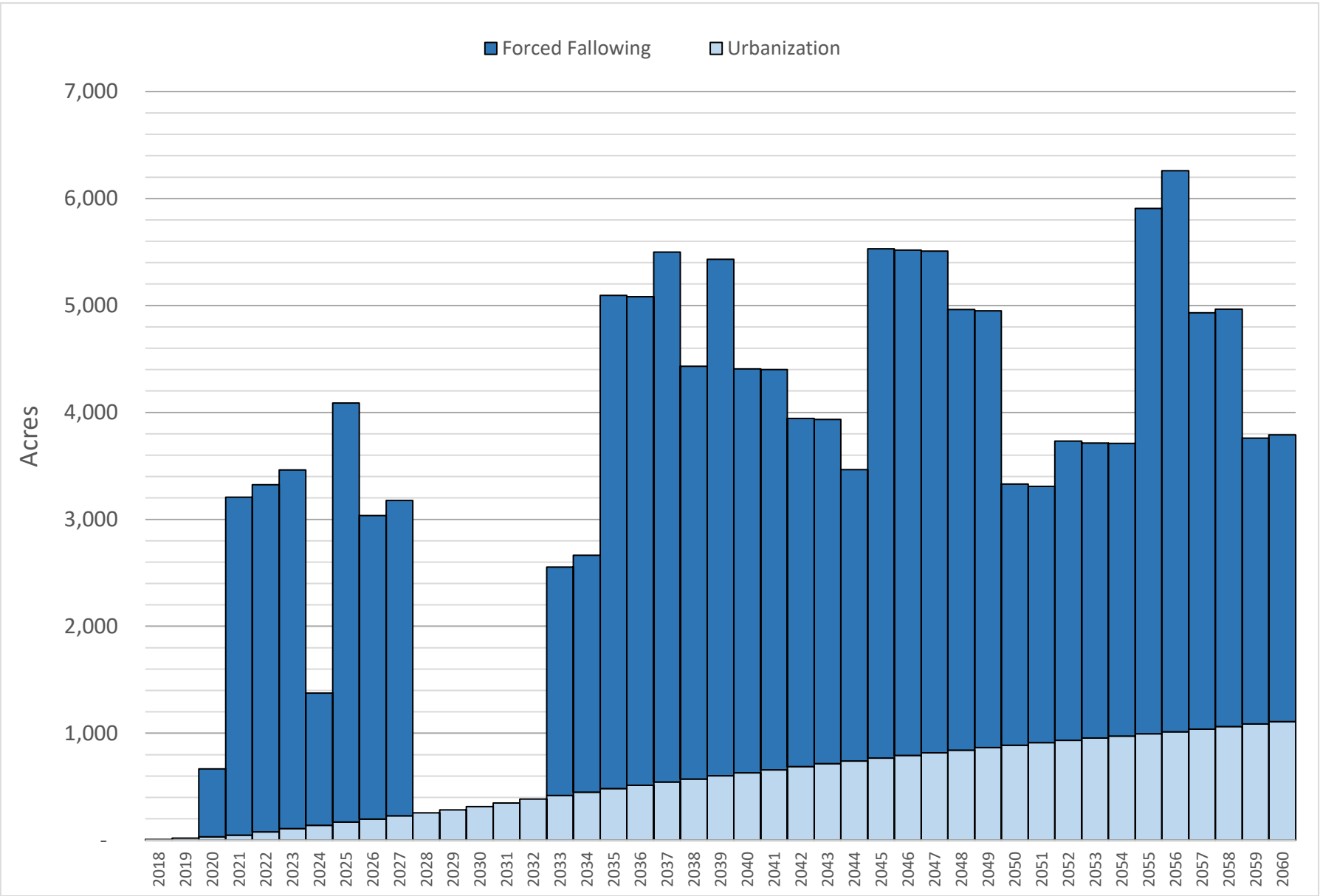
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	13	0
2019	39	0
2020	68	0
2021	96	0
2022	129	0
2023	162	0
2024	196	0
2025	231	0
2026	268	0
2027	305	0
2028	341	0
2029	378	0
2030	414	0
2031	453	0
2032	494	0
2033	534	0
2034	574	0
2035	614	0
2036	654	0
2037	714	0
2038	779	0
2039	845	0
2040	909	0
2041	972	0
2042	1,035	0
2043	1,101	0
2044	1,169	0
2045	1,237	0
2046	1,304	0
2047	1,370	0
2048	1,435	0
2049	1,499	0
2050	1,548	0
2051	1,589	0
2052	1,629	0
2053	1,669	0
2054	1,708	0
2055	1,747	0
2056	1,785	0
2057	1,822	0
2058	1,829	0
2059	1,835	0
2060	1,842	0

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.



Hohokam

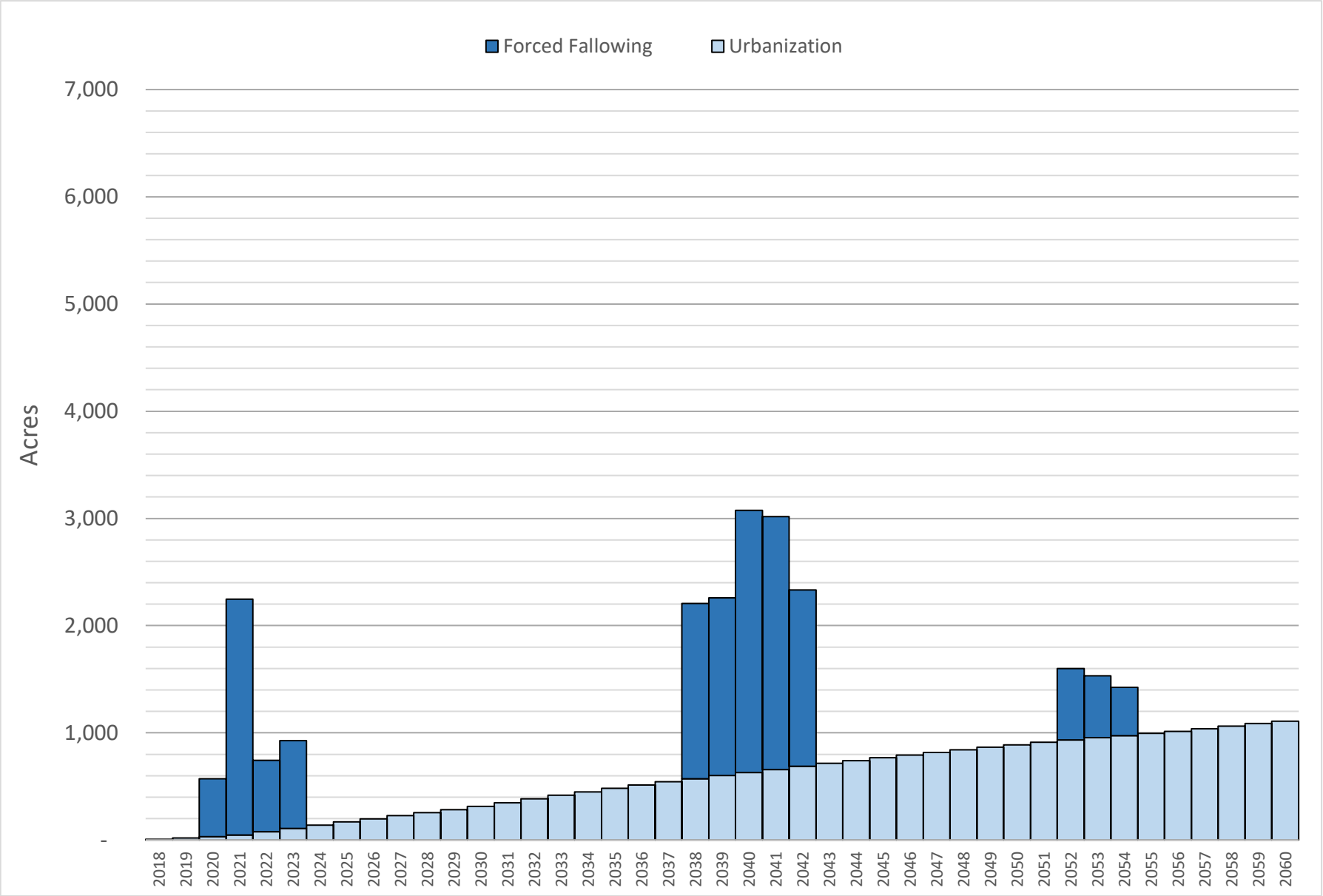
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	8	0
2019	19	0
2020	31	637
2021	46	3,160
2022	77	3,245
2023	108	3,354
2024	139	1,238
2025	169	3,919
2026	199	2,838
2027	227	2,950
2028	255	0
2029	283	0
2030	314	0
2031	349	0
2032	383	0
2033	417	2,136
2034	449	2,214
2035	482	4,614
2036	513	4,570
2037	543	4,956
2038	573	3,859
2039	602	4,831
2040	630	3,777
2041	659	3,741
2042	687	3,255
2043	714	3,220
2044	742	2,725
2045	768	4,762
2046	794	4,725
2047	819	4,689
2048	843	4,120
2049	866	4,083
2050	889	2,442
2051	911	2,396
2052	933	2,800
2053	954	2,760
2054	974	2,737
2055	994	4,912
2056	1,013	5,246
2057	1,038	3,894
2058	1,062	3,904
2059	1,086	2,672
2060	1,109	2,683

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.



Hohokam

Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	8	0
2019	19	0
2020	31	540
2021	46	2,200
2022	77	666
2023	108	820
2024	139	0
2025	169	0
2026	199	0
2027	227	0
2028	255	0
2029	283	0
2030	314	0
2031	349	0
2032	383	0
2033	417	0
2034	449	0
2035	482	0
2036	513	0
2037	543	0
2038	573	1,633
2039	602	1,658
2040	630	2,447
2041	659	2,359
2042	687	1,644
2043	714	0
2044	742	0
2045	768	0
2046	794	0
2047	819	0
2048	843	0
2049	866	0
2050	889	0
2051	911	0
2052	933	666
2053	954	577
2054	974	449
2055	994	0
2056	1,013	0
2057	1,038	0
2058	1,062	0
2059	1,086	0
2060	1,109	0