

	General	Biotech	Information	Military
2000	6 billion			
2001	Turn of the millenium.	Human genome complete. Threat of cloning leads to gradual bans world wide over next five years.		
2002				
2003		Biotech corporations continue to languish.	Ubiquitous wireless protocols first become available.	
2004			Wireless networks become more common.	
2005		First telomerase experiments on humans (longevity treatments).	E-Ink books & newspapers begin to gain acceptance.	
2006			Perfect computer voice dictation; no language parsing still.	
2007		First human clone brought to term, already illegal.		
2008			Webnet (new broadband wireless standard) replaces current protocols.	
2009		Customizable retrovirii possible. Adaptive optic lens primitives constructed for use in human eye.		
2010		Fast-growth tissue cloning is practical. Leads to development of several new surgical techniques.		
2011	Population increase ceases to slow down.			
2012		Fully developed adaptive optics lens inserted into human eye. Provides 20/12 vision regardless of starting point.	Webnet 2.0 achieves the wireless anywhere Holy Grail.	
2013				USA puts SBL (Satellite Based Laser) in orbit, breaks satellite weapon ban. Powered by cool fusion.
2014	Population increase begins to speed up.			
2015			Palm pilot-sized comp is 0.5 GHz.	
2016			Webnet 3.0 proposed.	
2017		Telomerase treatments are publicly accepted (costly, +10% lifespan).		
2018		Retrovirus "repair" reduces age effects by 20%, diminishing returns.		
2019				
2020			Learning expert systems (specialized, limited AI).	
2021		Most genetic diseases identified. Genefixing a viable possibility.	Webnet 3.0 comes online, offers insane amounts of bandwidth.	
2022		MEM speakers-based hearing aid developed, can improve even excellent hearing dramatically.	Language parsing biocomputer constructed, still simplistic speech. Speech parsing improves dramatically over the next two decades.	

	Power/Industry	Space	Psi	Politics
2000				
2001		International space station usable for small scientific teams.		Threat of cloning leads to gradual bans world wide over next five years.
2002				
2003		International space station complete.		
2004				
2005				
2006				
2007				
2008				
2009				
2010	First "cool fusion" engines.	First "cool fusion" engines.		
2011		Artemis Project: first flight to the moon ("reference mission").		
2012				
2013				USA puts SBL (Satellite Based Laser) in orbit, breaks satellite weapon ban.
2014				
2015				
2016				
2017				
2018				
2019				
2020		Artemis Project: incredibly expensive "tourism" flights to moon.		
2021				
2022				

	General	Biotech	Information	Military
2023	Value of US dollar has halved due to gradual inflation.	Genfixing becomes a reality. The FDA signs off on it by the end of the year, despite many concerns.		
2024		Cloned tissue plastic surgery approved by the FDA.	Webnet 3.2 updates world network seamlessly.	
2025	7 billion, population increase ceases to speed up.	First genefixed child born. Many genefixed children follow.		
2026				
2027		GeneSysTech declares ability to make astonishing genetic changes to prenatal child. Primary result areas are IQ and Music/Math. Not approved by the FDA.		
2028		First genetically modified musical prodigy born in England.	Very powerful identattoo becomes feasible. Palm pilot is 100+ GHz, hearing aid-sized computer is 1 GHz.	
2029				
2030			Quantum computing allows "distanceless" (instant) communication. Quantum computing is still too slow for anything but military.	
2031				
2032			Lizard complexity AI developed, NOT cost efficient by a stretch.	
2033			Webnet 3.4 allows local quantum communication "locally"; also has approved protocols for identattoos.	
2034				
2035			First quantum AI, cost efficient lizard complexity. Quantum computers are fast enough for commercial applications.	
2036				
2037				
2038		Telomerase treatments ubiquitous (average lifespan +9 years).		
2039				

	Power/Industry	Space	Psi	Politics
2023				
2024				
2025				
2026		Artemis Project: permanent lunar base is constructed, 150 people.		
2027		Artemis Project: world Webnet lag cut down to time delay only.		
2028	First fully functional replicating nanite.			
2029				
2030				
2031				
2032		Fusion power + ion engines "cheap enough" for efficient travel.		
2033			Psi phenomena on the rise.	
2034	Nanoconstruction of very basic materials (glass, steel, diamond).	Artemis Project: "economy" flights to moon, immigration opened. Artemis colony moves into Lunar City which climbs to 1,000 people over next year).		
2035		Sudden rise in deep space probes being sent out.		
2036		Artemis Project: quantum Webnet connections become reality.		
2037		First quantum communication deep space probe launches, more follow.		
2038	Cheap diamond layering becomes stylish for hard surfaces.	Grav engine proof-of-concept built, hits legal wrangles. High intelligence probes sent into asteroid belt (uses modern AI).		
2039		Ares Project: formal proposal draft for a Mars colony begins.		

	General	Biotech	Information	Military
2040	Economy is booming throughout this decade.		Webnet 3.6 includes robust local network support. Truly ubiquitous computing, including "complete" speech parsing.	
2041				
2042				
2043			Quantum communication standard over most of world. Webnet 3.8 updates world network w/robust quantum communication. Computer speed no longer a serious issue.	
2044	Value of US dollar has halved (now 1/4) due to gradual inflation.			
2045				
2046	8 billion			
2047				
2048				
2049				
2050				
2051				
2052			First "fully rational" AI, comparable to a very slow child.	
2053	Lunar City population 10,000 people.			

	Power/Industry	Space	Psi	Politics
2040	Nanite programming sufficient for complex nanocolonies.			
2041				
2042				
2043			Parapsychology quietly becomes an accepted field of science.	
2044	Nanite construction of complex, large objects feasible and FAST.			
2045		First mining probes sent to asteroid belt on reference mission.		
2046			USA govt use of secret telepaths exploded in "Mindgate".	USA govt use of secret telepaths exploded in "Mindgate". Riots spread slowly over next two years. Citizens of other countries use Mindgate as an excuse to rebel against their own governments.
2047		Ares Project: permanent martian base is constructed, 25 people.		Riots and rebellion continue. Economy begins to recess. In order to survive when governments were having problems keeping order, several of the larger corporations became a kind of social bomb shelter for their employees, particularly in third world countries. Corporate loyalty soared (particularly in those third world countries).
2048			Anti-psi hysteria culminates in the "Year of Hanging".	Anti-psi hysteria culminates in the "Year of Hanging". Mobs string up fair number of government officials and suspected psis. Economy continues to worsen, and several corporations step forward as marketplace leaders to try to bring the world out of its financial straits.
2049				Over next decade, corporations assume more of a role in government, less so in already heavily privatized nations.
2050		Ares Project: colonists move into Red Dune, open immigration. Red Dune gains a few immigrants, but is not very popular.		
2051		First Jumpspace psi discovered.	First Jumpspace psi discovered.	Rumblings of the "completely privatized government" movement heard.
2052				
2053		Lunar City population 10,000 people.		

	General	Biotech	Information	Military
2054				
2055				
2056				
2057			Very smart AIs possible, begin to see use in automation.	
2058				
2059				
2060			Automating society with AIs (traffic, stock market).	
2061				
2062		First experiments with functional longevity nanocolony.		
2063	Great Crash: AI-driven stock market collapses.		Great Crash: AI-driven stock market collapses.	
2064	Asteroid mining becomes very profitable, helps support economy.			
2065			Webnet 4.0 is put into place, "integrating" the world net.	
2066				
2067		Nanite reconstruction of damaged flesh becomes feasible.		
2068	9 billion			
2069				
2070	Belt City population not known, estimated at 2,000.			
2071	Value of US dollar has halved (now 1/8) due to gradual inflation.			
2072				
2073				
2074				

	Power/Industry	Space	Psi	Politics
2054	Asteroid belt mining becomes a reality, but not yet economical.	Asteroid belt mining becomes a reality, but not yet economical.		
2055				
2056		Grav engines begin production.		
2057	Very smart AIs possible, begin to see use in automation.			
2058		Quantum tunnelling research leads to Gates.		
2059		Red Dune shuts down, population returns to Earth after 20 years.		Many nations part of global corporations that blur the line between private entity and government entity.
2060		Asteroid belt colony becomes feasible; criminal pardons offered.		
2061		First JSpace ships built and tested, but not "ready" yet. First mining colony ship launches towards asteroid belt.		
2062		Grav engine scout pods sent out to begin exploring nearby stars.		
2063				Great Crash: AI-driven stock market collapses in a matter of hours. Corporate values smashed into the dirt, welfare packages lost any value, and the banks were hit with a rush on accounts.
2064		Belt City is founded in asteroid belt.		Belt mining begins to provide a viable means for economic recovery.
2065				
2066				
2067				
2068				
2069				
2070		Belt City population not known, estimated at 2,000.		
2071				
2072		Belt Deregulation (reduce Belt taxation) proposed, struck down.		
2073		Photos of Proxima Centauri & Rigil Kentaurus come back.		
2074		Belt City declares independance, stops paying taxes; exported food and medicine from Earth to belt stops. Earth-Belt Cold War ends within the year, Belt City defeated.		

	General	Biotech	Information	Military
2075			First SENTIENT computer, results in a great deal of controversy. Sentient comps must be meticulously designed, not cost effective.	
2076		Nanomedicine begins to gain acceptance.		
2077			Series of sentient comps designed, begin to see minimal use.	
2078	Lunar City population 100,000 people, immigration slows.	Clone laws struck down in US as oppressive.		
2079	Mutated strain of Black Plague kills 2% of pop, sterilizes 5% more. Sentient comp (pandora series) assists in finding cure.		Sentient comp (pandora series) assists in finding cure for Black Plague.	
2080				
2081				
2082	9 billion	First legal clones born.		
2083		Longevity nanocolony available (but expensive), doubles lifespan.		
2084			Human level sentient comps mathematically impossible w/current tech.	
2085				
2086				
2087				
2088				
2089		Scientific outpost established on Europa, early life observed.		
2090		N Amer lifespan (100.3/107.1), middle age (35.1/36.7).		
2091				
2092				
2093				
2094	Value of US dollar has halved (now 1/16) due to gradual inflation.		First quantum neural net constructed, researchers raise as child.	

	Power/Industry	Space	Psi	Politics
2075				
2076				
2077				
2078		Lunar City population 100,000 people, immigration slows.		Clone laws struck down in US as oppressive.
2079				
2080		People of the asteroid belt declare independence again. Belt City population disperses, becomes "Independent Belt States". IBS ceases exporting raw materials, has own food, wins new Cold War. Shifting grav drive experimented with, allows minimal control.		
2081	First Gate is built, sends <1 gram <1 meter.	First Gate is built, sends <1 gram <1 meter.		
2082				
2083				
2084				
2085		JSpace psis are being born in "usable" numbers (0.00025% pop).	JSpace psis are being born in "usable" numbers (0.00025% pop).	
2086		First space mission to Mars since Red Dune collapsed; uses Jspace.		
2087		Over next decade, several JSpace missions to solar planets occur.		
2088				
2089		Scientific outpost established on Europa, early life observed. JSpace pilots begin profitable business with IBS.	JSpace pilots begin profitable business with IBS.	
2090				
2091		First working shift grav drive ("surfs" on own gravity curve).		
2092			JSpace training becomes available in belt; many beltlers are psi.	
2093		First JSpace mission to Alpha Centauri (manned scientific outpost). A.C. outpost orbits sun, observes planets.		
2094				

	General	Biotech	Information	Military
2095	10 billion			
2096	IBS population not known, estimated at 10,000.			
2097			Quantum neural nets begin to see real development.	
2098				
2099				
2100				
2101	Turn of the millenium.		First quantum neural net "matures"; functionally a very smart child. Quantum neural nets will pave the way to mind uploads.	
2102				
2103				
2104				
2105				
2106				
2107				
2108				
2109	11 billion			
2110				
2111				
2112				
2113				
2114			First quantum neural net enters adulthood, no legal rights.	
2115	Value of US dollar has halved (now 1/32) due to gradual inflation.			
2116				
2117				
2118			Mind upload to quantum neural net possible, requires "maturity".	
2119			Quantum neural nets gain human rights in United Africa.	
2120				
2121				

	Power/Industry	Space	Psi	Politics
2095				
2096				
2097				
2098				
2099			First reports of "voices" in Jspace.	
2100			Publication of "Voices: Electronic Noise in the Dark".	
2101				
2102				
2103		Shifting grav drives begin to enter serious production.		
2104	Sidereal orbit solar sail built, provides solar power for Gates.	Sidereal orbit solar sail built, provides solar power for Gates.		
2105				
2106				
2107				
2108		First Gate-to-Gate connection is built in orbit.		
2109				
2110				
2111				
2112				
2113		Micro grav drive built, useful for far smaller space ships.		
2114				
2115				
2116				
2117				
2118				
2119				Quantum neural nets gain human rights in United Africa.
2120		Earth-Belt Gate completed.		
2121				

	General	Biotech	Information	Military
2122	11.78 billion. Lunar City population 220,000. IBS population not known, estimated at 50,000. N American born 2090 is middle aged. Value of US dollar is now 1/40th of what it was in 2000.			

2122	Power/Industry	Space	Psi	Politics
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