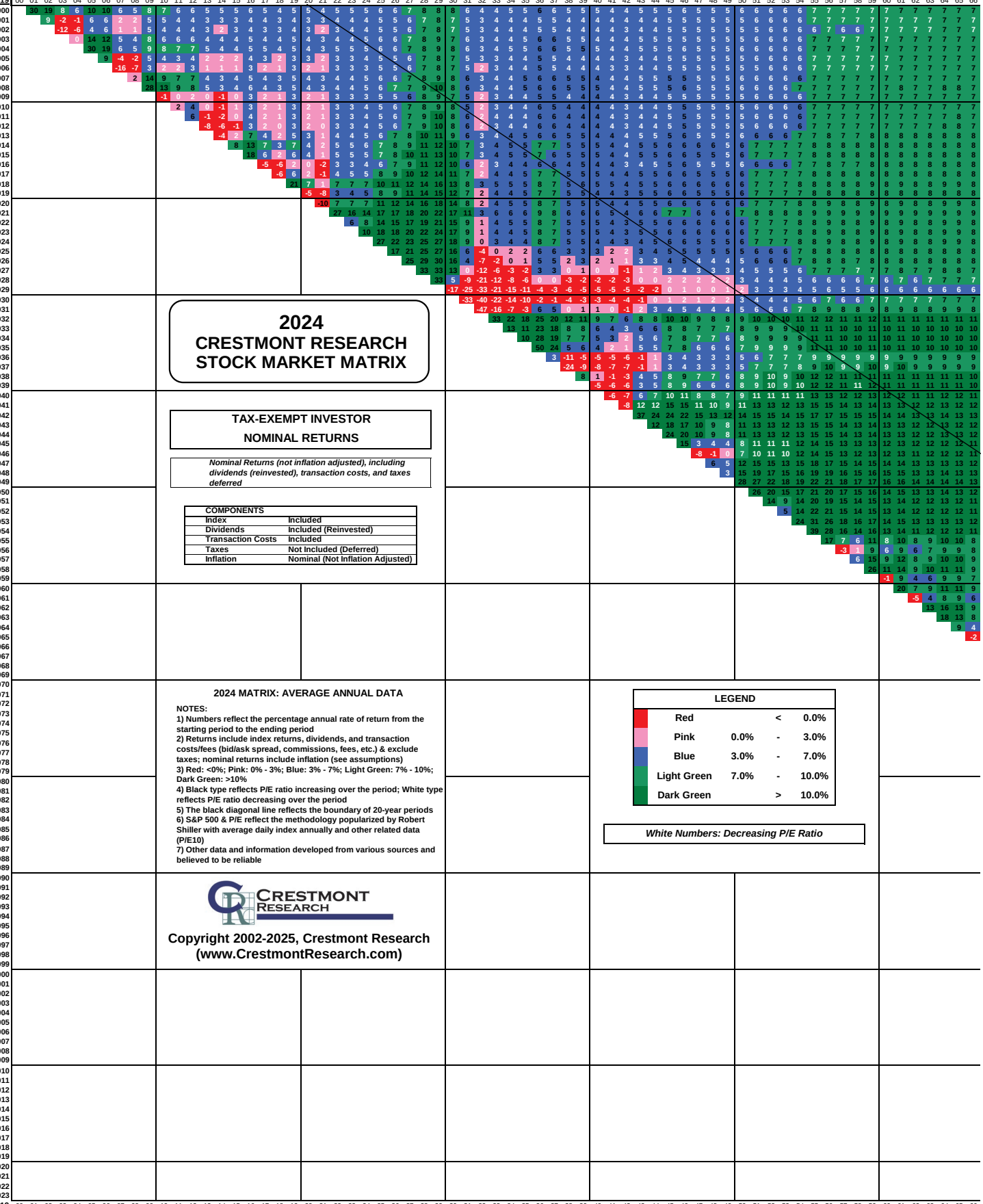

FROM			TO	19	23	22	18	16	19	19	13	13	15	14	14	12	11	11	12	9	6	7	5	5	8	8	10	10	12	16	22	28	21	15	8	11	12	13	19	18	14	16	15	12	9	11	11	13	14	11	11	10	11	12	12	14	18	18	16	15	18	17	20	19	20	23	23	21
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P/E	1899=1	Yr: 19		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
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16.3	1	1904						30	19	6	5	9	8	7	7	5	4	4	5	5	4	5	4	3	5	5	5	6	6	7	8	9	8	6	3	4	5	5	6	6	5	5	5	4	4	4	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7
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9.2	5	1942																																												37	24	24	22	15	13	12	14	15	15	14	15	17	17	15	15	15	14	14	13	13	14	13	13
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17.5	40	1955																																																																					17	7	6	11	8	10	8	9	10	10	8
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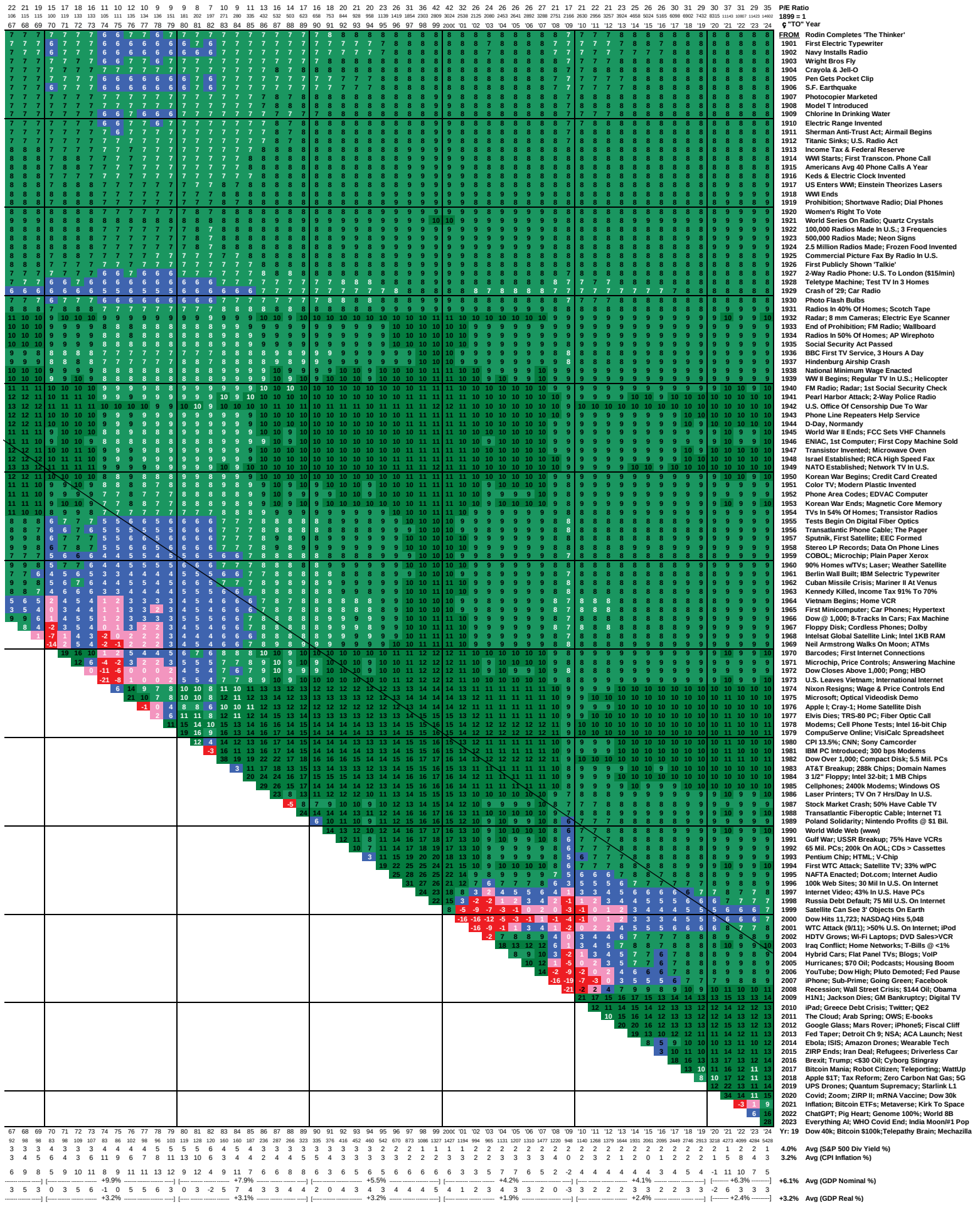
15.6	45	1957																		


P/E Ratio
1899 = 1
♀"TO" Year
FROM Rodin Completes 'The Thinker'
1901 First Electric Typewriter
1902 Navy Installs Radio
1903 Wright Bros Fly
1904 Crayola & Jell-O
1905 Pen Gets Pocket Clip
1906 S.F. Earthquake
1907 Photocopier Marketed
1908 Model T Introduced
1909 Chlorine In Drinking Water
1910 Electric Range Invented
1911 Sherman Anti-Trust Act; Airmail Begins
1912 Titanic Sinks; U.S. Radio Act
1913 Income Tax & Federal Reserve
1914 WWI Starts; First Transcon. Phone Call
1915 Americans Avg 40 Phone Calls A Year
1916 Keds & Electric Clock Invented
1917 US Enters WWI; Einstein Theorizes Lasers
1918 WWI Ends
1919 Prohibition; Shortwave Radio; Dial Phones
1920 Women's Right To Vote
1921 World Series On Radio; Quartz Crystals
1922 100,000 Radios Made In U.S.; 3 Frequencies
1923 500,000 Radios Made; Neon Signs
1924 2.5 Million Radios Made; Frozen Food Invented
1925 Commercial Picture Fax By Radio In U.S.
1926 First Publicly Shown 'Talkie'
1927 2-Way Radio Phone: U.S. To London ($15/min)
1928 Teletype Machine; Test TV In 3 Homes
1929 Crash of '29; Car Radio
1930 Photo Flash Bulbs
1931 Radios In 40% Of Homes; Scotch Tape
1932 Radar; 8 mm Cameras; Electric Eye Scanner
1933 End of Prohibition; FM Radio; Wallboard
1934 Radios In 50% Of Homes; AP Wirephoto
1935 Social Security Act Passed
1936 BBC First TV Service, 3 Hours A Day
1937 Hindenburg Airship Crash
1938 National Minimum Wage Enacted
1939 WW II Begins; Regular TV In U.S.; Helicopter
1940 FM Radio; Radar; 1st Social Security Check
1941 Pearl Harbor Attack; 2-Way Police Radio
1942 U.S. Office Of Censorship Due To War
1943 Phone Line Repeaters Help Service
1944 D-Day, Normandy
1945 World War II Ends; FCC Sets VHF Channels
1946 ENIAC, 1st Computer; First Copy Machine Sold
1947 Transistor Invented; Microwave Oven
1948 Israel Established; RCA High Speed Fax
1949 NATO Established; Network TV In U.S.
1950 Korean War Begins; Credit Card Created
1951 Color TV; Modern Plastic Invented
1952 Phone Area Codes; EDVAC Computer
1953 Korean War Ends; Magnetic Core Memory
1954 TVs In 54% Of Homes; Transistor Radios
1955 Tests Begin On Digital Fiber Optics
1956 Transatlantic Phone Cable; The Pager
1957 Sputnik, First Satellite; EEC Formed
1958 Stereo LP Records; Data On Phone Lines
1959 COBOL; Microchip; Plain Paper Xerox
1960 90% Homes w/TVs; Laser; Weather Satellite
1961 Berlin Wall Built; IBM Selectric Typewriter
1962 Cuban Missile Crisis; Mariner II At Venus
1963 Kennedy Killed, Income Tax 91% To 70%
1964 Vietnam Begins; Home VCR
1965 First Minicomputer; Car Phones; Hypertext
1966 Dow @ 1,000; 8-Tracks In Cars; Fax Machine
1967 Floppy Disk; Cordless Phones; Dolby
1968 Intelsat Global Satellite Link; Intel 1KB RAM
1969 Neil Armstrong Walks On Moon; ATMs
1970 Barcodes; First Internet Connections
1971 Microchip, Price Controls; Answering Machine
1972 Dow Closes Above 1,000; Pong; HBO
1973 U.S. Leaves Vietnam; International Internet
1974 Nixon Resigns; Wage & Price Controls End
1975 Microsoft; Optical Videodisk Demo
1976 Apple I; Cray-1; Home Satellite Dish
1977 Elvis Dies; TRS-80 PC; Fiber Optic Call
1978 Modems; Cell Phone Tests; Intel 16-bit Chip
1979 CompuServe Online; VisiCalc Spreadsheet
1980 CPI 13.5%; CNN; Sony Camcorder
1981 IBM PC Introduced; 300 bps Modems
1982 Dow Over 1,000; Compact Disk; 5.5 Mil. PCs
1983 AT&T Breakup; 288k Chips; Domain Names
1984 3 1/2" Floppy; Intel 32-bit; 1 MB Chips
1985 Cellphones; 2400k Modems; Windows OS
1986 Laser Printers; TV On 7 Hrs/Day In U.S.
1987 Stock Market Crash; 50% Have Cable TV
1988 Transatlantic Fiberoptic Cable; Internet T1
1989 Poland Solidarity; Nintendo Profits @ $1 Bil.
1990 World Wide Web (www)
1991 Gulf War; USSR Breakup; 75% Have VCRs
1992 65 Mil. PCs; 200k On AOL; CDs > Cassettes
1993 Pentium Chip; HTML; V-Chip
1994 First WTC Attack; Satellite TV; 33% w/PC
1995 NAFTA Enacted; Dot.com; Internet Audio
1996 100k Web Sites; 30 Mil In U.S. On Internet
1997 Internet Video; 43% In U.S. Have PCs
1998 Russia Debt Default; 75 Mil U.S. On Internet
1999 Satellite Can See 3' Objects On Earth
2000 Dow Hits 11,723; NASDAQ Hits 5,048
2001 WTC Attack (9/11); >50% U.S. On Internet; iPod
2002 HDTV Grows; Wi-Fi Laptops; DVD Sales>VCR
2003 Iraq Conflict; Home Networks; T-Bills @ <1%
2004 Hybrid Cars; Flat Panel TVs; Blogs; VoIP
2005 Hurricanes; $70 Oil; Podcasts; Housing Boom
2006 YouTube; Dow High; Pluto Demoted; Fed Pause
2007 iPhone; Sub-Prime; Going Green; Facebook
2008 Recession; Wall Street Crisis; $144 Oil; Obama
2009 H1N1; Jackson Dies; GM Bankruptcy; Digital TV
2010 iPad; Greece Debt Crisis; Twitter; QE2
2011 The Cloud; Arab Spring; OWS; E-books
2012 Google Glass; Mars Rover; iPhone5; Fiscal Cliff
2013 Fed Taper; Detroit Ch 9; NSA; ACA Launch; Nest
2014 Ebola; ISIS; Amazon Drones; Wearable Tech
2015 ZIRP Ends; Iran Deal; Refugees; Driverless Car
2016 Brexit; Trump; <$30 Oil; Cyborg Stingray
2017 Bitcoin Mania; Robot Citizen; Teleporting; WattUp
2018 Apple $1T; Tax Reform; Zero Carbon Nat Gas; 5G
2019 UPS Drones; Quantum Supremacy; Starlink L1
2020 Covid; Zoom; ZIRP II; mRNA Vaccine; Dow 30k
2021 Inflation; Bitcoin ETFs; Metaverse; Kirk To Space
2022 ChatGPT; Pig Heart; Genome 100%; World 8B
2023 Everything AI; WHO Covid End; India Moon/#1 Pop
Yr: 19 Dow 40k; Bitcoin $100k;Telepathy Brain; Mechazilla
4.0% Avg (S&P 500 Div Yield %)
3.2% Avg (CPI Inflation %)
+4.9%
+7.9%
+5.5%
+4.2%
+4.1%
+6.3%
+6.1% Avg (GDP Nominal %)
+3.2%
+3.1%
+3.2%
+1.9%
+2.4%
+2.4%
+3.2% Avg (GDP Real %)