

A decorative graphic on the left side of the slide, consisting of numerous horizontal blue lines of varying lengths that create a sense of depth and movement, resembling a stylized architectural facade or a series of parallel lines receding into the distance.

Silicon Valley Bank The Case Study Charts

April 2023

Silicon Valley Bank

The Case Study Charts



Chart 1	Revenue In \$ Millions	2010 - 2022
Chart 2	Net Revenue In \$ Millions	2010 - 2022
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April 2023

Chart 1

Revenue In \$ Millions

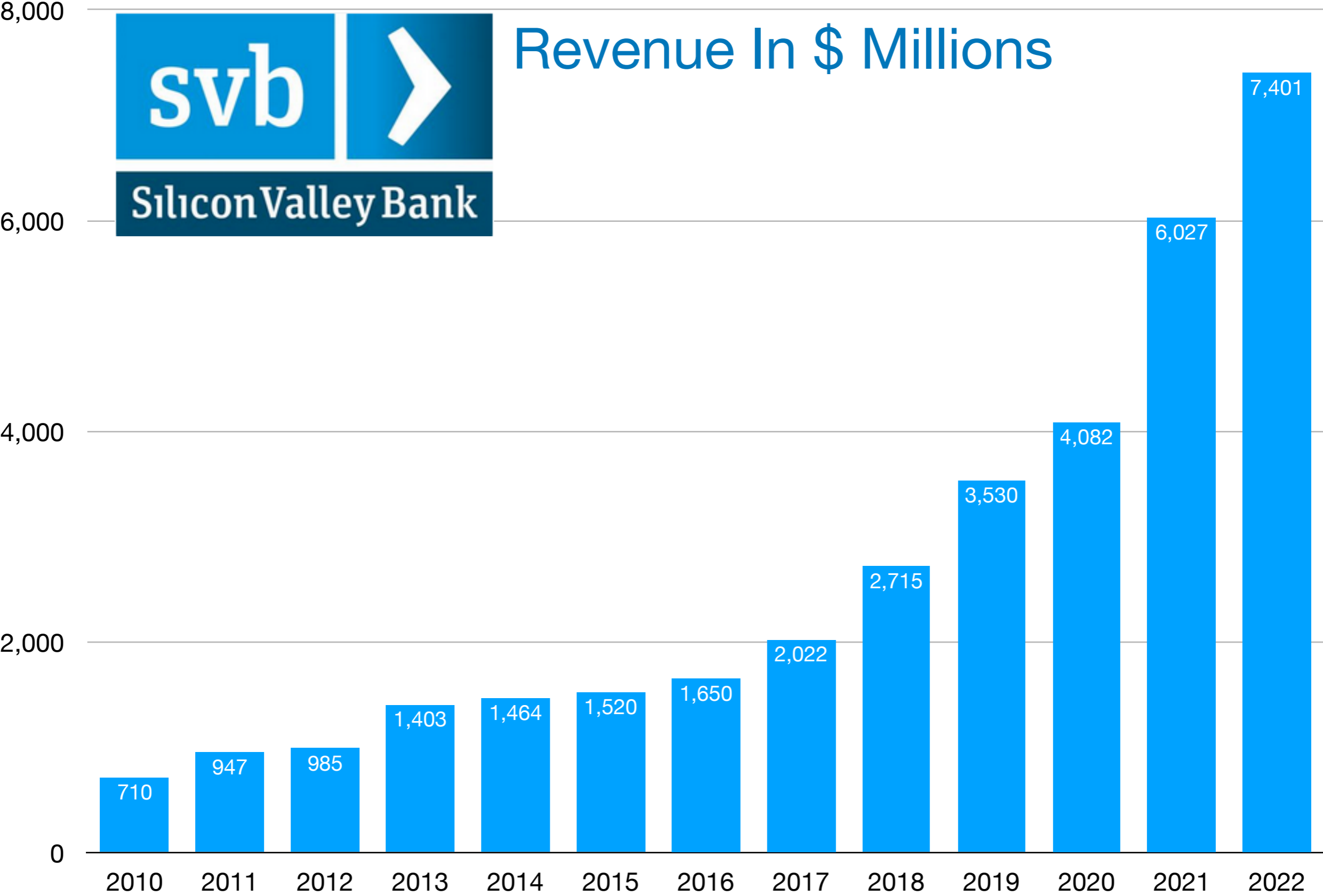


Chart 2

Net Revenue In \$ Millions

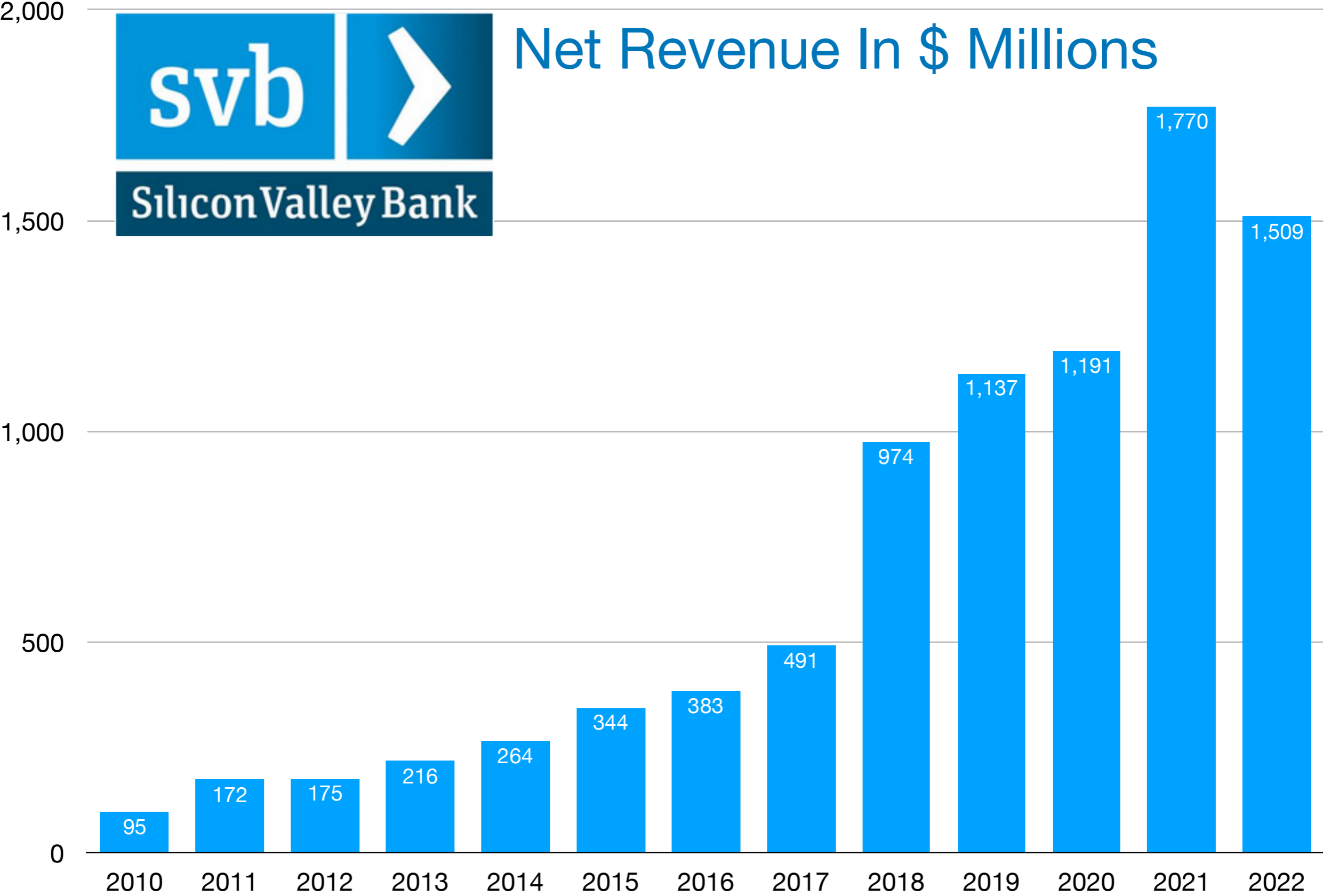


Chart 3

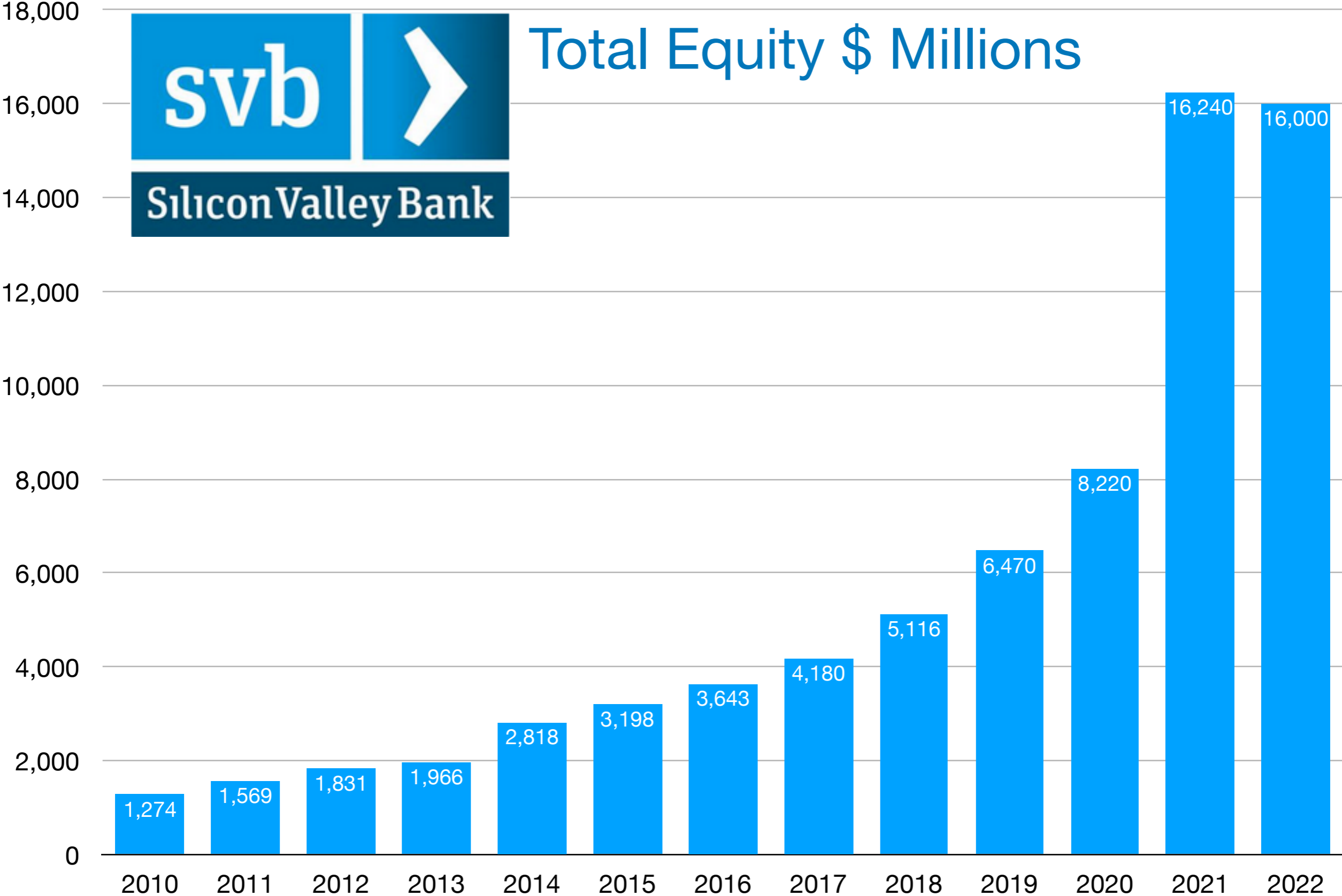


Chart 4



Assets \$ Millions

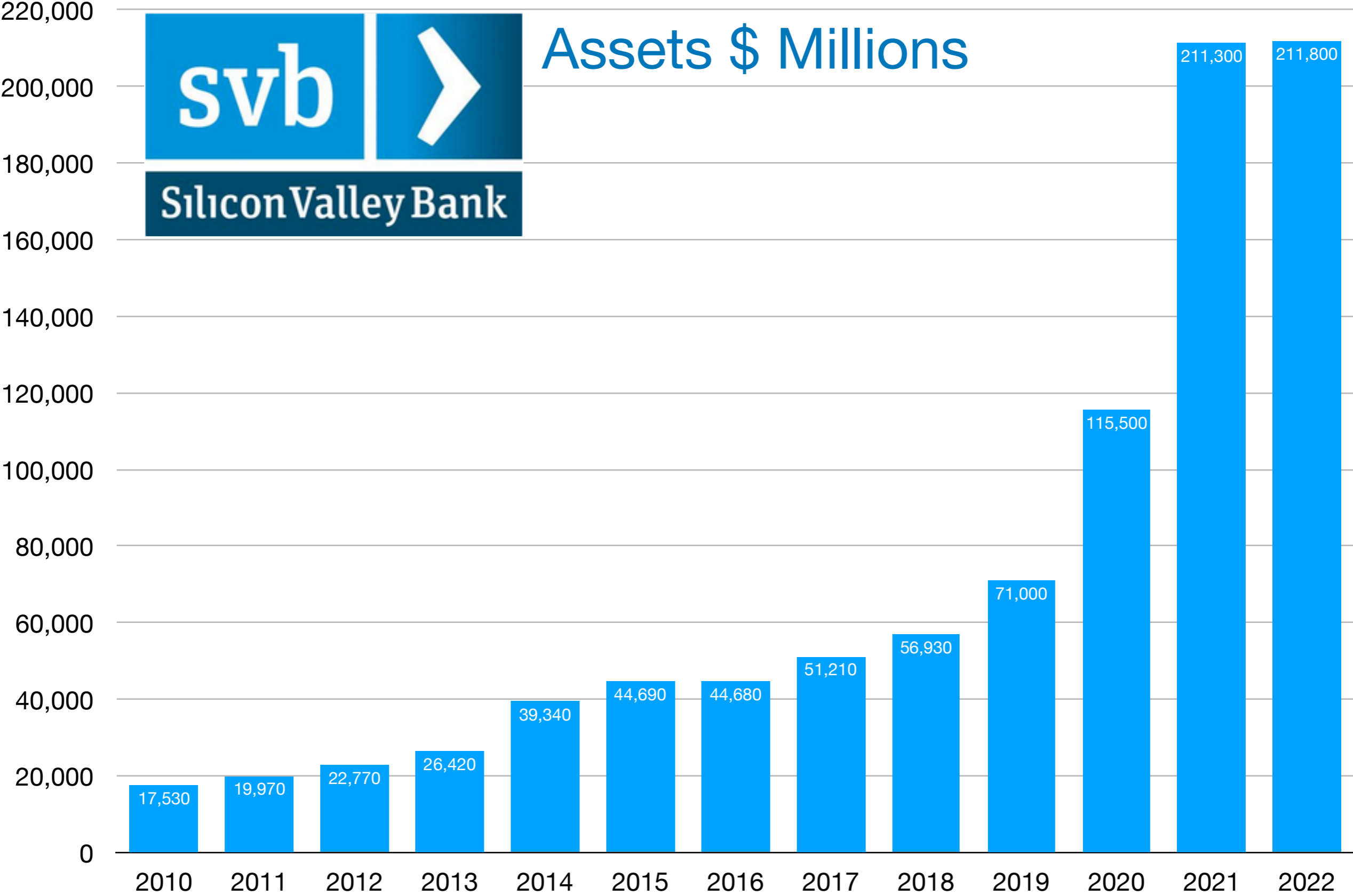


Chart 5



Deposits \$ Millions

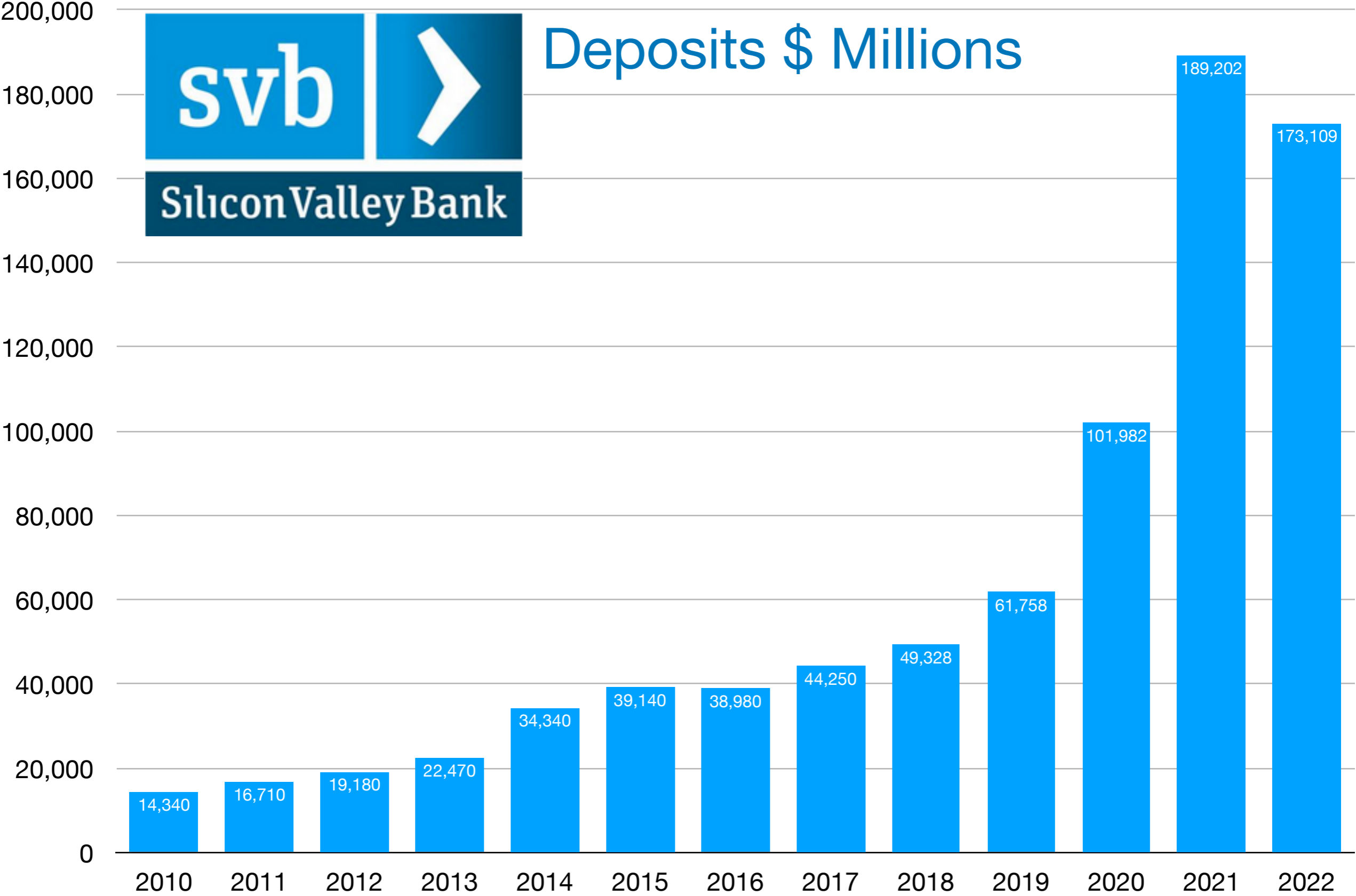
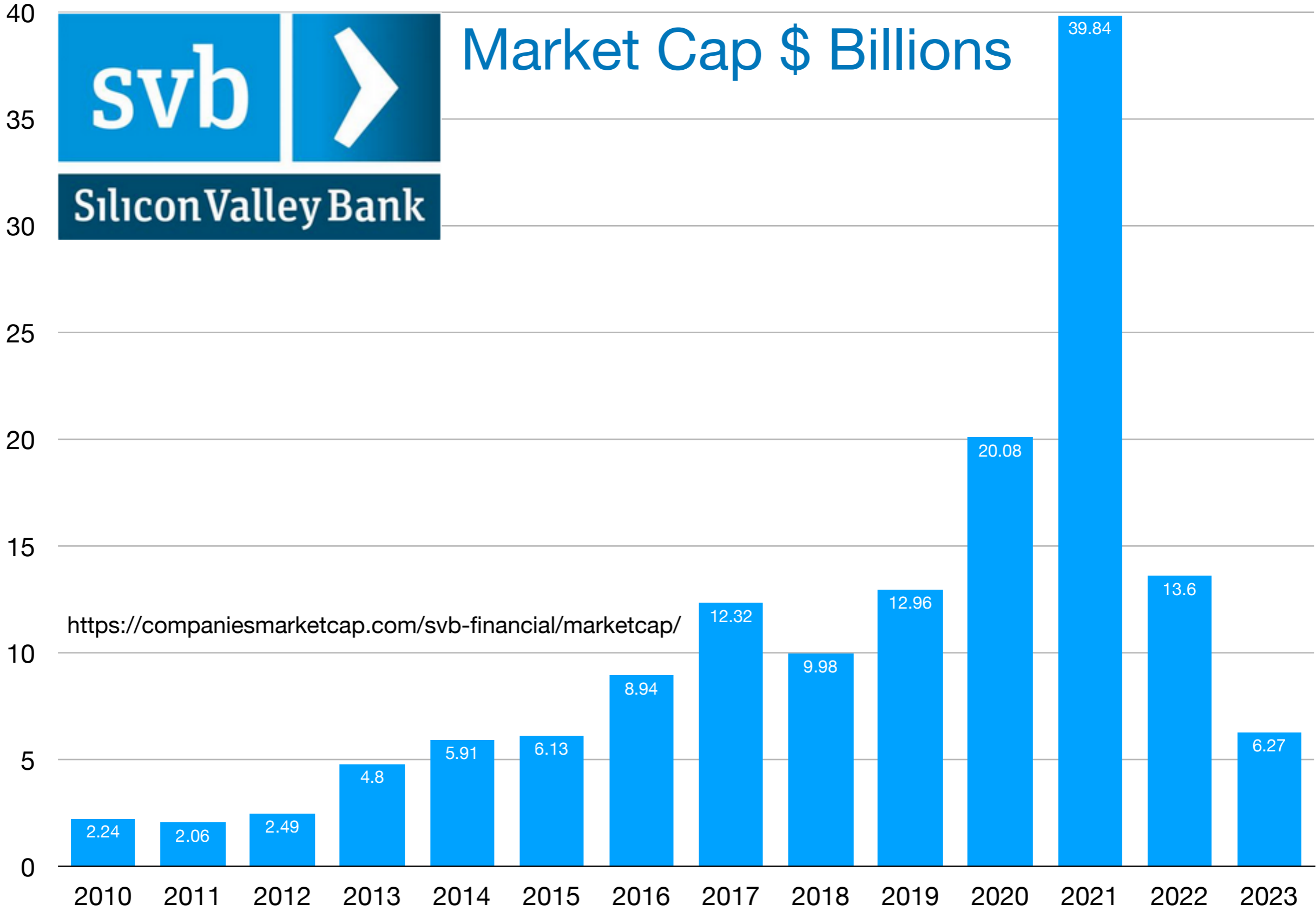


Chart 6



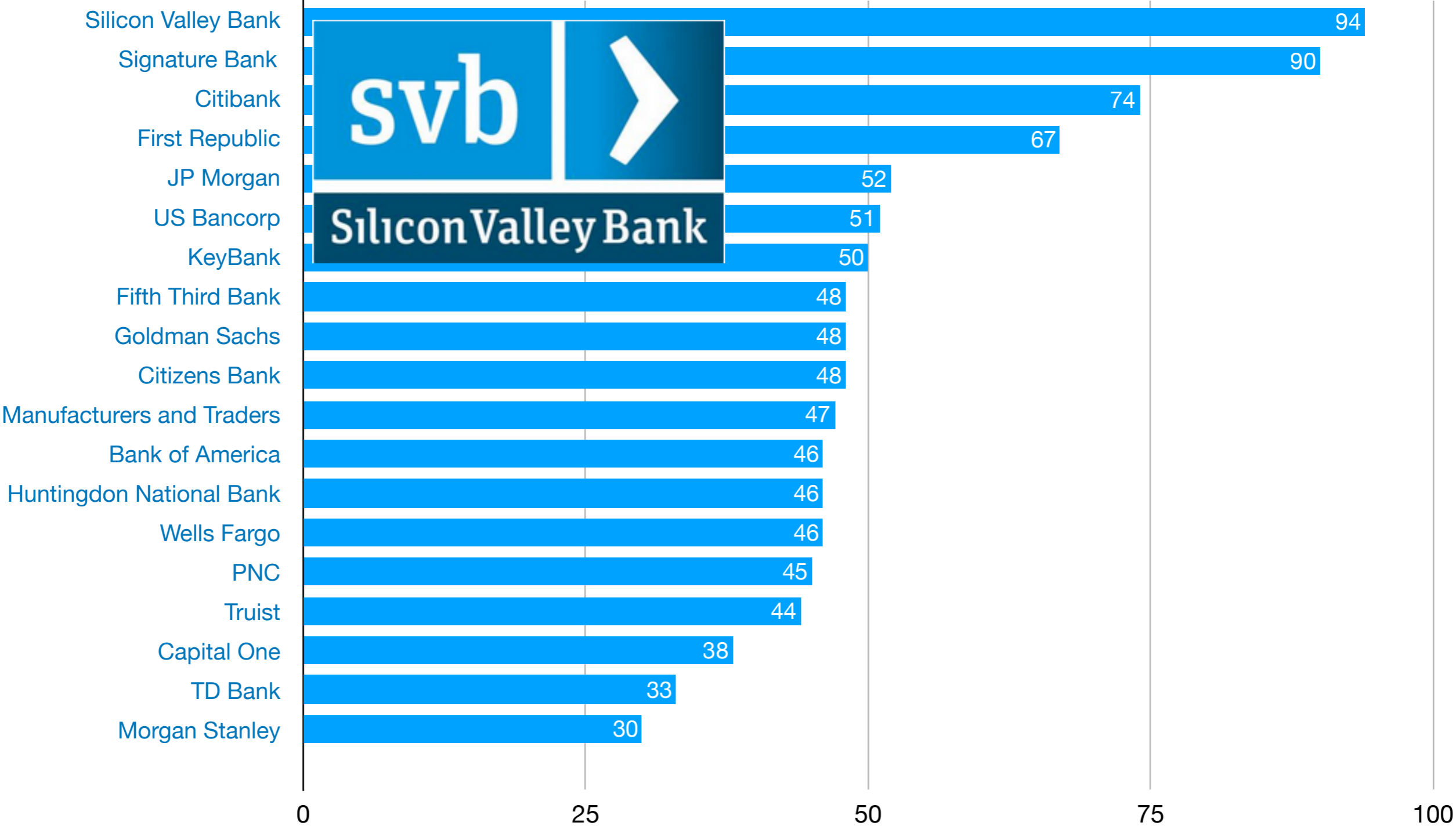
<https://companiesmarketcap.com/svb-financial/marketcap/>

End of Year

Silicon Valley Bank The Case Study April 2023

Chart 7

% of Uninsured Deposits



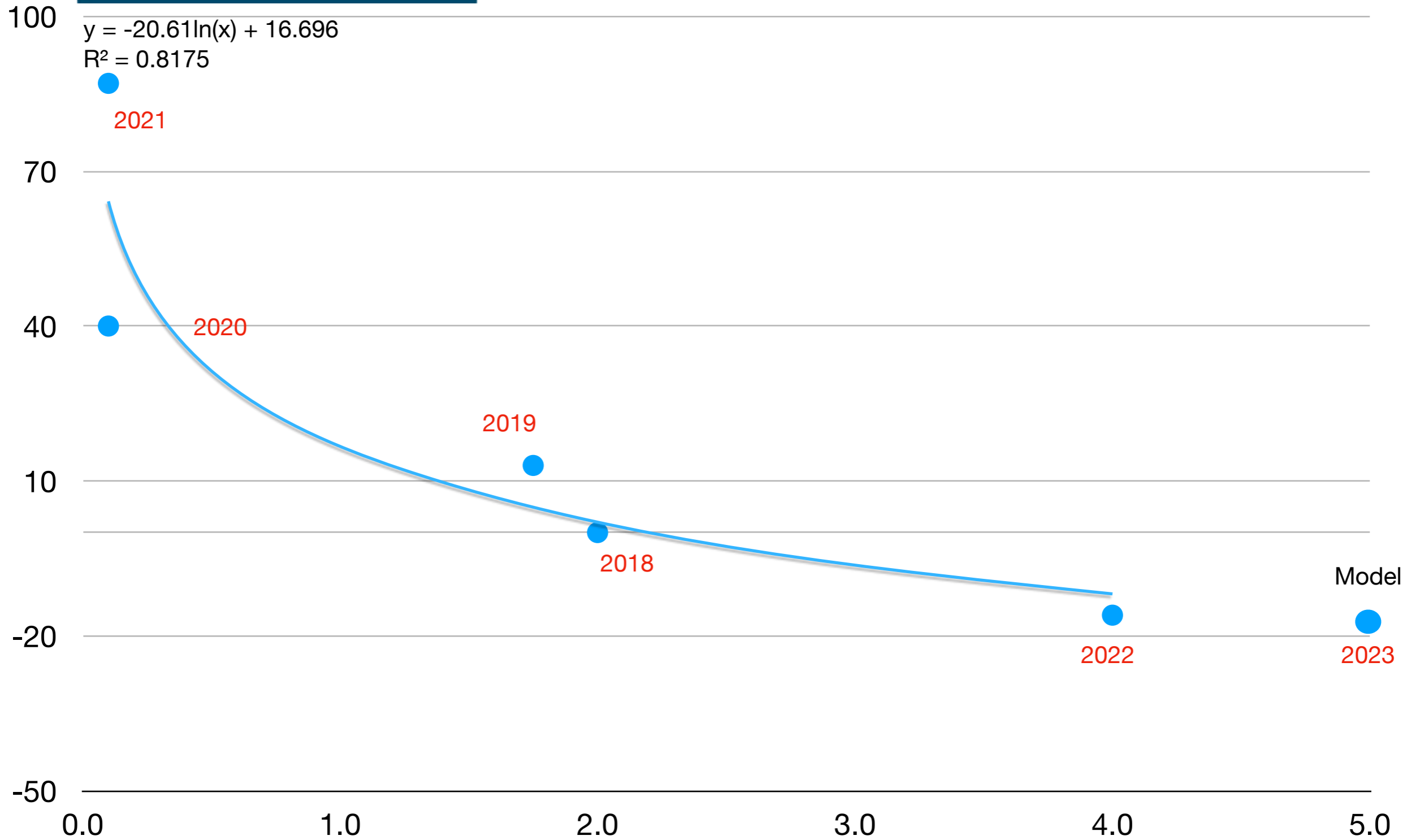
Source Federal Financial Institutions Examination Council



Deposits Interest Rate Sensitivity

Chart 8

Silicon Valley Bank



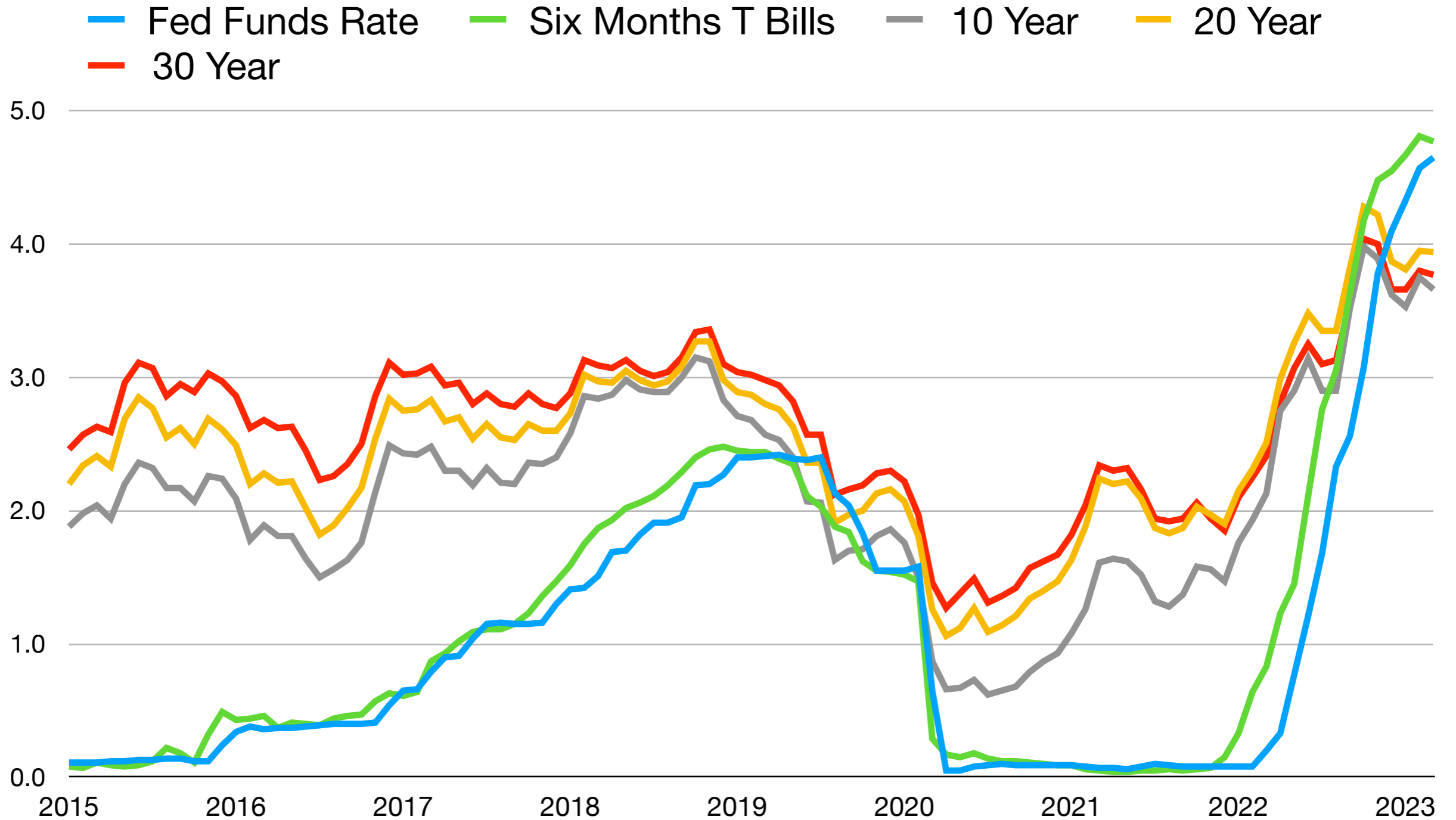
Fed Funds Rate



Silicon Valley Bank

U.S. Interest Rates

Chart 9





SIVB - SVB Financial Group

105.76 -0.28 (-0.26%)

PRICES BY NASDAQ, IN USD MARKET CLOSED



Chart 10

Overview

Prev Close

106.04

Market Cap

6.28B

Day's Range

99.85 - 177.02

P/E Ratio

4.18

52 Week Range

99.85 - 595.31

Revenue

7.27B

Average Volume (3M)

1.56M

EPS

25.3501

1-Year Return

-81.28%

Dividend (Yield)

0 (0%)

Beta

1.813

1 DAY 1 WEEK 1 MONTH 3 MONTHS 6 MONTHS 1 YEAR 3 YEARS MAX



Chart times in UTC



Sector
Finance



Industry
Regional Banks



CEO
Gregory W. Becker



Employees
8,553



Market Capitalisation

Chart 11



companiesmarketcap.com

svb



Balance Sheet and Notes

Chart 12

Silicon Valley Bank

Silicon Valley Bank Balance Sheet

	2018	2019	2020	2021	2022
Assets					
Cash and Cash equivalents	3,572	6,782	17,675	14,586	13,803
AFS Securities at Fair Value	7,790	14,015	30,913	27,221	26,069
HTM Securities at cost	15,487	13,843	16,592	98,195	91,321
Non Marketable and Other securities	941	1,214	1,802	2,543	2,664
Total Investment Securities	24,218	29,072	49,307	127,959	120,054
Loans (Amortized Cost)	28,338	33,165	45,181	66,276	74,250
Allowances for credit losses	-281	-305	-448	-422	-636
Net Loans	28,057	32,860	44,733	65,854	73,614
Premises and Equipment	129	162	176	270	394
Goodwill		138	143	375	375
Other Intangible assets		49	61	160	136
Leasee right of uuse assets		197	210	313	335
Accrued Interest and Other Assets	951	1,745	3,206	1,791	3,082
Total Assets	56,927	71,005	115,511	211,308	211,793
Liabilities and Total equity					
Non Interest bearing Demand Deposits	39,103	40,842	66,519	125,851	80,753
Interest bearing deposits	10,225	20,916	35,463	63,352	92,356
Total Deposits	49,328	61,758	101,982	189,203	173,109
Short Term Borrowings	633	17	21	71	13,565
Lease Liabilities		219	259	388	413
Other Liabilities	1,006	2,042	3,972	2,467	3,041
Long Term Debt	696	348	844	2,570	5,370
Total Liabilities	51,663	64,384	107,078	194,699	195,498
Net Asset Value	5,264	6,621	8,433	16,609	16,295
Preferred Stock		340	340	3,646	3,646
Additional Paid In Capital	1,378	1,470	1,585	5,157	5,318
Retained earnings	3,791	4,576	5,672	7,442	8,951
Accumulated Other Comprehensive Income	-54	84	623	-9	-1,911
Total SVGB Stockholders Equity	5,115	6,470	8,220	16,236	16,004
Non Controlling Interests	149	151	213	373	291
Total Equity	5,264	6,621	8,433	16,609	16,295

	2018	2019	2020	2021	2022
AFS Securities					
AFS Securities at Fair Value (Balance Sheet)	7,790	14,015	30,913	27,221	26,069
AFS Securities at Cost	7,862	13,843	30,254	27,370	28,602
Net Loss	(72)	172	659	(149)	(2,533)
HTM Securities					
HTM Securities at Cost (Balance Sheet)	15,487	13,843	16,592	98,195	91,321
HTM Securities at Fair Value	15,188	14,115	17,217	97,227	76,169
Net Loss (+Profit)	(299)	272	625	(968)	(15,152)
Assets					
Cash and Cash equivalents	6.3%	9.6%	15.3%	6.9%	6.5%
AFS Securities at Fair Value	13.7%	19.7%	26.8%	12.9%	12.3%
HTM Securities at cost	27.2%	19.5%	14.4%	46.5%	43.1%
Non Marketable and Other securities	1.7%	1.7%	1.6%	1.2%	1.3%
Total Investment Securities	42.5%	40.9%	42.7%	60.6%	56.7%
Loans (Amortized Cost)					
Allowances for credit losses					
Net Loans	49.3%	46.3%	38.7%	31.2%	34.8%
Premises and Equipment					
Goodwill					
Other Intangible assets					
Leasee right of uuse assets					
Accrued Interest and Other Assets					
Total Assets	100.0%	100.0%	100.0%	100.0%	100.0%
Total Assets : Shareholders Funds	10.8	10.7	13.7	12.7	13.0
Total Deposits : Shareholders Funds	9.4	9.3	12.1	11.4	10.6

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Silicon Valley Bank

Chart 13

Balance Sheet and Notes

Balance Sheet

	2018	2019	2020	2021	2022
Average Available for Sale Securities (AFS)	7,790	14,015	18,653	24,996	28,795
Average Held To Maturity HTM Securities	15,487	13,843	13,113	58,030	95,394
Average Loans	28,338	33,165	37,266	54,547	70,289
Average Non interest Bearing Deposits			50,193	99,461	109,748
Average Interest Bearing Deposits			24,823	48,486	76,013
Average Total Deposits	56,928	71,005	75,016	147,947	185,761

SVBG Stockholders Equity	5,116	6,470	8,220	16,295	16,609
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Profile of Investment securities

	2018	2019	2020	2021	2022
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AFS Securities at Fair Value

US Treasuries	4,738	6,894	4,470	15,850	16,135
US Agency Debentures	1,084	100	237	196	101
Foreign Government Debt Securities	6	9	24	61	1,088
Residential MBS					
Agency Issued MBS	0	4,149	13,503	8,589	6,603
Agency Issue CMO Fixed Rate	1,880	1,538	8,107	982	678
Agency Issued CMBS		1,325	4,572	1,543	1,464
Total AFS Securities	7,790	14,015	30,913	27,221	26,069

Held To Market Securities at net carry value

US Agency Debentures	641	519	402	609	486
Residential MBS					
Agency Issued MBS Fixed Rate	8,103	6,992	7,740	64,439	57,705
Agency Issued CMO Fixed Rate	2,183	1,608	1,735	10,226	10,461
Agency Issued CMO Variable Rate	214	179	137	100	79
Agency Issued CMBS	2,770	2,759	2,943	14,959	14,471
Municipal Bonds and Notes	1,575	1,786	3,635	7,156	7,416
Corporate Bonds			0	706	703
Total HTM Securities	15,487	13,843	16,592	98,195	91,321

Non Marketable and Other Securities

	941	1,213	1,802	2,543	2,664
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Total Investment Securities	24,218	29,071	49,307	127,959	120,054
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AFS Securities at Fair Value	32.2%	48.2%	62.7%	21.3%	21.7%
Held To Market Securities at net carry value	63.9%	47.6%	33.7%	76.7%	76.1%
Non Marketable and Other Securities	3.9%	4.2%	3.7%	2.0%	2.2%
Total Investment Securities	100.0%	100.0%	100.0%	100.0%	100.0%

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Silicon Valley Bank

Consolidated Statements of Income

Chart 14

SVB Financial Group and Subsidiaries

Consolidated Statements of Income

Dollars Millions

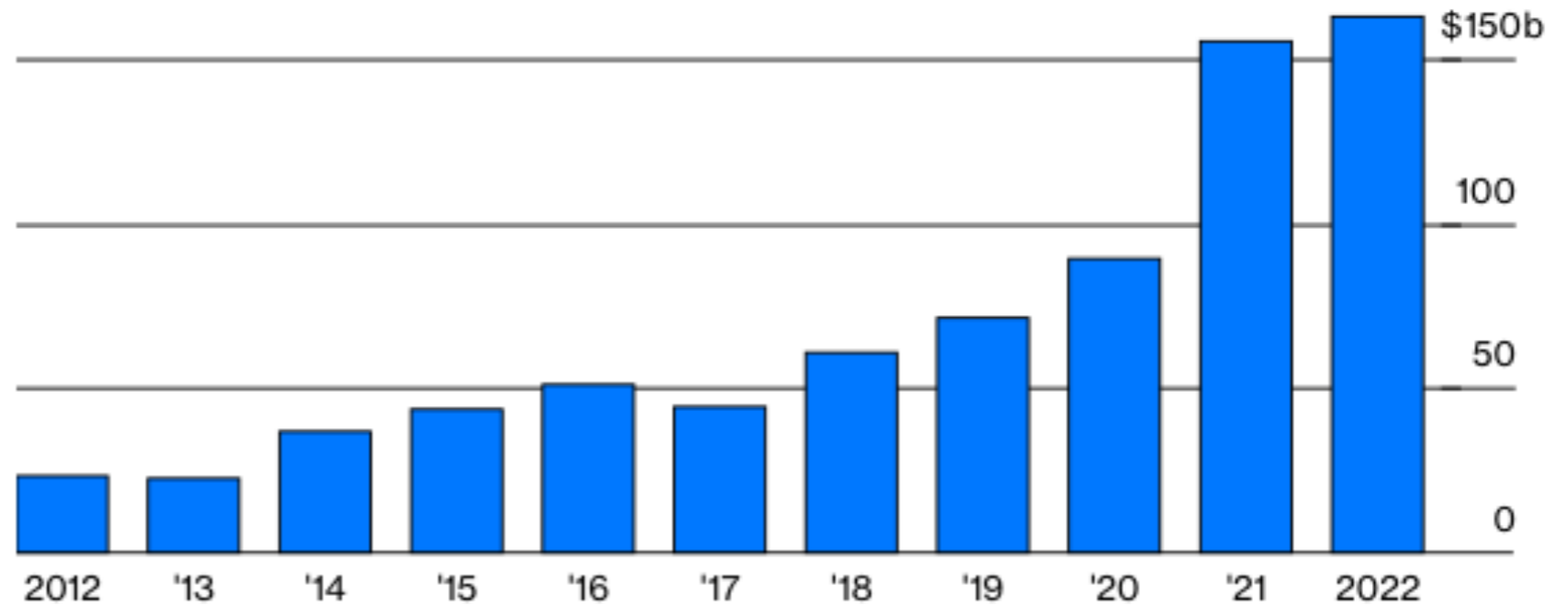
	2018	2019	2020	2021	2022	2023	2024	2025
Interest Income	Actual	Actual	Actual	Actual	Actual	Model	Model	Model
Loans	1,358	1,599	1,520	1,966	3,208	3,500	3,500	3,500
Investment Securities	577	614	696	1,305	2,253	2,500	2,500	1,500
Fed Funds Transfer	35	96	26	18	212	200	200	200
Total Interest Income	1,970	2,309	2,242	3,289	5,673	6,200	6,200	5,200
Interest Expense								
Deposits	29	178	60	62	862	1,200	1,650	1,540
Borrowings	47	35	25	48	326	1,800	2,025	1,800
Total Interest Expense	76	213	85	110	1,188	3,000	3,675	3,340
Net Interest Income	1,894	2,096	2,157	3,179	4,485	3,200	2,525	1,860
Provision For Credit Losses	88	106	220	123	420	500	550	500
Net Interest Income After Provisions	1,806	1,990	1,937	3,056	4,065	2,700	1,975	1,360
Note 1								
Loans (Amortized Cost)	28,338	33,165	45,181	66,276	74,250	72,917	72,917	77,778
Loans Interest Rates	4.8%	4.8%	3.4%	3.0%	4.3%	4.8%	4.8%	4.5%
Note 2								
Short Term Borrowings	633	17	21	71	13,565	40,000	45,000	40,000
STB Interest Rates					2.4%	4.5%	4.5%	4.5%
Note 3								
Non Interest bearing Demand Deposits	39,103	40,842	66,519	125,851	80,753	50,000	20,000	10,000
Interest bearing deposits	10,225	20,916	35,463	63,352	92,356	100,000	110,000	110,000
Total Deposits	49,328	61,758	101,982	189,203	173,109	150,000	130,000	120,000
Interest Rate on Deposits	0.3%	0.9%	0.2%	0.1%	0.9%	1.2%	1.5%	1.4%
Net Interest Margin	4.5%	4.0%	3.2%	2.9%	3.4%	3.6%	3.3%	3.1%



The Venture Capital Market

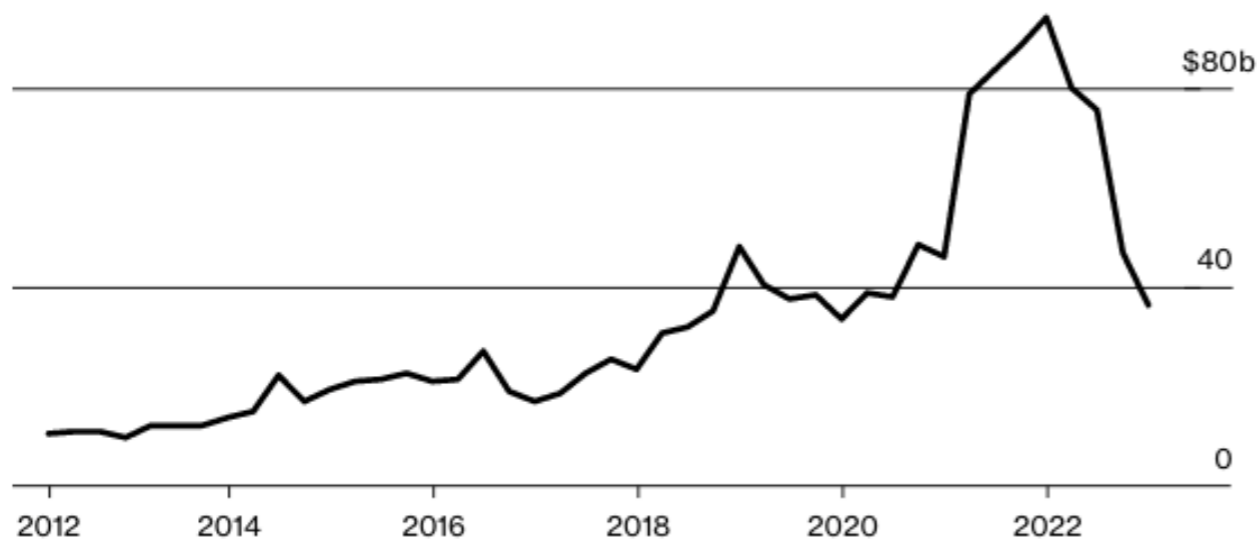
Chart 15

New US Venture Capital Funds Raised



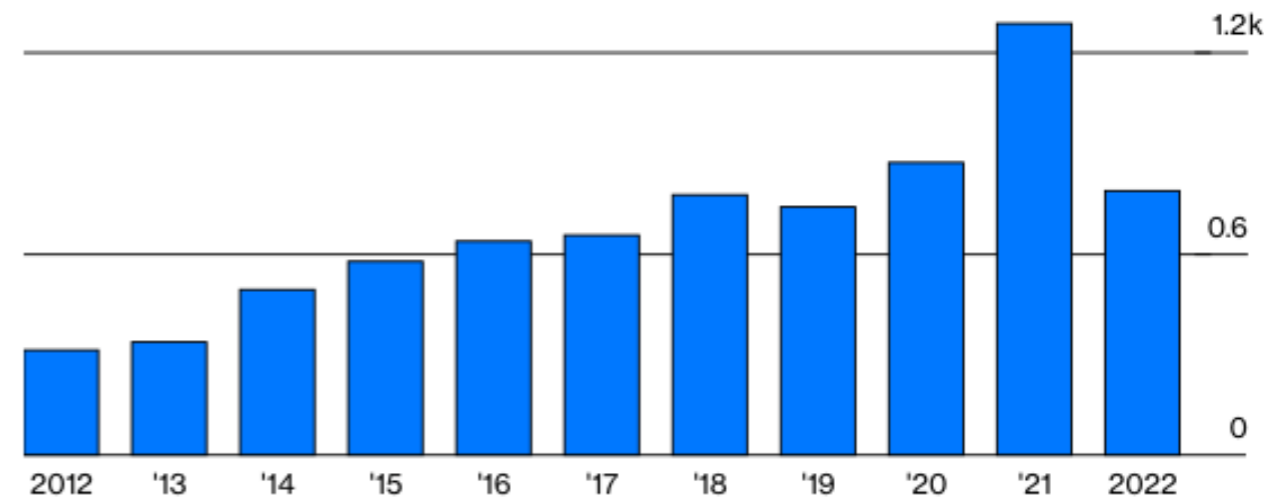
Source: PitchBook

New VC Funding Invested in Startups



Source: PitchBook

Number of VC Funds That Raised New Capital



Source: PitchBook

Table 1. Economic projections of Federal Reserve Board members and Federal Reserve Bank presidents, under their individual assumptions of projected appropriate monetary policy, December 2021

Percent

Chart 16

Make Full Screen 

Variable	Median ¹					Central Tendency ²					2021
	2021	2022	2023	2024	Longer run	2021	2022	2023	2024	Longer run	
Change in real GDP	5.5	4.0	2.2	2.0	1.8	5.5	3.6–4.5	2.0–2.5	1.8–2.0	1.8–2.0	5.3–5.8
September projection	5.9	3.8	2.5	2.0	1.8	5.8–6.0	3.4–4.5	2.2–2.5	2.0–2.2	1.8–2.0	5.5–6.3
Unemployment rate	4.3	3.5	3.5	3.5	4.0	4.2–4.3	3.4–3.7	3.2–3.6	3.2–3.7	3.8–4.2	4.0–4.4
September projection	4.8	3.8	3.5	3.5	4.0	4.6–4.8	3.6–4.0	3.3–3.7	3.3–3.6	3.8–4.3	4.5–5.1
PCE inflation	5.3	2.6	2.3	2.1	2.0	5.3–5.4	2.2–3.0	2.1–2.5	2.0–2.2	2.0	5.3–5.5
September projection	4.2	2.2	2.2	2.1	2.0	4.0–4.3	2.0–2.5	2.0–2.3	2.0–2.2	2.0	3.4–4.4
Core PCE inflation ⁴	4.4	2.7	2.3	2.1		4.4	2.5–3.0	2.1–2.4	2.0–2.2		4.4–4.5
September projection	3.7	2.3	2.2	2.1		3.6–3.8	2.0–2.5	2.0–2.3	2.0–2.2		3.5–4.2
Memo: Projected appropriate policy path											
Federal funds rate	0.1	0.9	1.6	2.1	2.5	0.1	0.6–0.9	1.4–1.9	1.9–2.9	2.3–2.5	0.1
September projection	0.1	0.3	1.0	1.8	2.5	0.1	0.1–0.4	0.4–1.1	0.9–2.1	2.3–2.5	0.1

Acronyms and abbreviations

ACL – Allowance for credit losses	GDP – Gross domestic product	QoQ – Quarter over quarter
AFS – Available-for-sale	GFB – Global Fund Banking	R&D – Research and development
APAC – Asia-Pacific	HC – Healthcare	Refl – Refinance
AUM – Assets under management	HNW/UHNW – High net worth, ultra high net worth	Repo – Repurchase agreement
BD&T – Business development & travel	HTM – Held-to-maturity	RMBS – Residential mortgage-backed security
BKX – KBW Nasdaq Bank Index	IB – Interest-bearing	ROE – Return on equity
BP – Boston Private	ID – Investor dependent	SBA PPP – Small Business Administration Paycheck Protection Program
bp – Basis point	IPO – Initial public offering	SEC – Securities & Exchange Commission
C&I – Commercial and industrial	JV – Joint venture	SPAC – Special purpose acquisition company
CAGR – Compound annual growth rate	LIHTC – Low income housing tax credit funds	SPD – Shanghai Pudong Development Bank
CMBS – Commercial mortgage-backed security	LOC – Letter of credit	ST – Short-term
CMO – Collateralized mortgage obligation	LP – Limited partner	SVBFG – SVB Financial Group
CRE – Commercial Real Estate	LS – Life science	TBV – Tangible book value
Dep – Dependent	LTV – Loan-to-value	TCE – Tangible common equity
ECM – Equity capital market	M&A – Merger & acquisition	TCF – Total client funds
EMEA – Europe, the Middle East and Africa	MBS – Mortgage-backed security	TCP – Total client position
EOP – End of period	NCI – Noncontrolling interests	Tech – Technology
EPS – Earnings per share	NCO – Net charge-off	TTM – Trailing 12 months
Ex – Excluding	NIB – Noninterest-bearing	UST – U.S. Treasury security
FDIC – Federal Deposit Insurance Company	NII – Net interest income	VC – Venture capital
FHLB – Federal Home Loan Bank	NIM – Net interest margin	W.A. – Weighted average
FRB – Federal Reserve Board	NPL – Non-performing loan	WM&T – Wealth management and trust
FTE – Full-time employee	OBS – Off-balance sheet	YoY – Year over year
FX – Foreign exchange	PBWM – Private bank wealth management	YTD – Year-to-date
FY – Full year	PE – Private equity	
GBP – British Pound		

A decorative graphic on the left side of the slide, consisting of numerous horizontal blue lines of varying lengths that create a sense of depth and movement, resembling a stylized architectural or data visualization element.

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