

Cracking the (California) Code









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Review of the California Government Code	



Important Codes Related to Government Investments

California Government Code (Code)

- Investment Surplus (53600-53610)
- Deposit of Funds (53630-53686)







53600 defines a "local agency" as any:

- County
- City
- City and County
- Public District
- Public or Municipal Corporation
- School District
- Community College District
- County Board of Education
- County Superintendent of Schools

Typically required to invest through County Treasury



Code defines the standard of prudence for public funds to be the **Prudent Investor Standard**, which states:

"When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency."

- Members of council/board and anyone authorized to make investment decisions are considered trustees and fiduciaries subject to this standard of prudence
- Permits investments to be acquired
- Consider investments as part of overall strategy/portfolio





1

Safeguard Principal



2

Meet Liquidity Needs



3

Achieve a Return





Agency types:

 Cities, districts, and local agencies who do not pool money in deposits or investments with other local agencies with different governing bodies

Fund types:

Sinking funds or moneys in treasury not immediately required

Delivery of securities:

Must be in agency's name and delivered to the agency or a third-party custodian

Application of percentage limits:

Date of purchase

Maximum maturity:

 Five years unless otherwise stated or council/board has approved longer-term investments at least 90-days in advance Applying the Code



Investment Universe vs. California Government Code

Securities	1 Day	180 Days 270 Days	1 Year 5 Years	Over 5 Years	
U.S. Treasuries	1 Day	✓ Permitted	Treat orears		
				Requires Approval Requires Approval	
Federal Agencies		✓ Permitted			
Municipal Securities		✓ Permitted		Requires Approval	
Negotiable Certificates of Deposit		✓ Permitted Permitted	V Dua	Requires Approval phibited	
Commercial Paper Bankers' Acceptances	✓ Perm		X Prohibite		
•	✓ Perm		A Prombite		
Medium-Term Corporate Notes		✓ Permitted ✓ Permitted		X Prohibited X Prohibited	
Asset-Backed Securities (ABS)		✓ Permitted ✓ Permitted		X Prohibited	
Supranationals					
Repurchase Agreements	✓ Permitted	✓ Permitted	X Prohibited	(Prohibited	
Money Market Funds/Bond Mutual Funds Local Government Investment Pools			X Prohibited		
	✓ Permitted	V Duol			
Foreign Sovereign Fixed-Income ETFs		X Prol			
=		X Prohibited X Prohibited			
High-Yield Bonds					
Private Placements Convertibles	X Prohibited X Prohibited				
23					
Non-U.S. Dollar Investment Grade		X Prol			
Emerging Markets Debt		X Prol			
Bank Loans		X Prol			
Domestic Equities (Large, Mid, Small Cap)		X Prol			
International Equities (Large, Mid, Small Cap)		X Prol			
Emerging Markets Preferred Stock		X Prol			
		X Prol			
Equity Mutual Funds and ETFs		X Prol			
Commodities		X Prol			
Real Estate		X Prol			
Hedge Funds		X Prol			
Private Equity		X Prol			
Venture Capital		X Prol			
Tangible Assets		X Prol			
Complex Derivatives, Futures and Options		X Prol	nibited		





Permitted Investments – Government Sector

- U.S. Treasuries (b)
- Federal Agencies (f)
- Local agency's own bonds (a)
- State of California bonds (c)
- California local agency bonds (e)
- Bonds issued by 49 other states (d)
- Supranationals (q)
 - Issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank
 - 30% of portfolio
 - 5-year maximum maturity
 - AA or better by an NRSRO



Permitted Investments - Non-Government Sector

- Bankers' acceptances (g)
 - 40% of portfolio
 - 180 day maximum maturity
- Commercial paper (h)
 - 25% of portfolio
 - 270 day maximum maturity
 - 10% of the outstanding CP of any single issuer
 - Credit criteria
- Negotiable CDs (i)
 - Issued by nationally or state-chartered bank, savings association, federal association, state or federal credit union, or by a federally- or state-licensed bank branch of a foreign bank
 - 30% of portfolio
 - Conflict of interest limitation



Permitted Investments - Non-Government Sector

- Repurchase and reverse repurchase agreements (j)
 - 1 year/92 day maximum maturity
 - Counterparty, collateral, and other requirements
- Medium-term notes (k)
 - 30% of portfolio
 - 5-year maximum maturity
 - Issued by corporations organized and operating in U.S. or depository institutions licensed by U.S. or any state and operating in U.S.
 - A or better
- Mortgage- or asset-backed securities (o)
 - 20% of portfolio
 - 5-year maximum maturity
 - AA or better by an NRSRO



Permitted Investments – Pooled

Shares of beneficial interest issued by a diversified management company (I)

- Money market mutual funds (2)
 - 20% of portfolio
 - AAA by two or more NRSROs OR Advisor requirements
 - Net asset value (NAV) may be stable or variable depending on type of fund (government vs. prime, retail vs. institutional)
- Mutual funds (1)
 - 20% of portfolio, no more than 10% in any one fund
 - AAA by two or more NRSROs OR Advisor requirements
 - Variable NAV
 - Underlying investments must be same as California Government Code Section 53601



Key Elements of Money Market Reform

After the 2008-2009 financial crisis, the Securities and Exchange Commission (SEC) tightened certain risk-limiting provisions of the regulations that govern money market funds by adopting significant changes to Rule 2a7.

Prime Fund Government securities, commercial paper, certificates of deposit, corporate notes and other debt investments	Government Fund 99.5% of total assets in cash, government securities or repos
Constant NAVGatesLiquidity Fees	Constant NAVOptional GatesOptional Liquidity Fees
Variable NAVGatesLiquidity Fees	Constant NAVOptional GatesOptional Liquidity Fees
	Government securities, commercial paper, certificates of deposit, corporate notes and other debt investments - Constant NAV - Gates - Liquidity Fees - Variable NAV - Gates



Permitted Investments – Pooled (cont'd)

- Shares of beneficial interest issued by a joint powers authority (p)
 - Local government investment pools (LGIPs)
 - Adviser requirements
- State of California's Local Agency Investment Fund (LAIF) (16429.1)
- County Treasurers' pools (53684)





Permitted Investments (53635)

- For agencies that pool money with other local agencies that have different governing bodies
- Difference from 53601
 - 40% of portfolio in commercial paper
 - 10% of portfolio in commercial paper of any one issuer



Key History of Changes 2001-2007

2001

SB 68 designated money in the **LAIF** as non-state money

2005

AB 969 added authorization for the formation and use of **joint powers authorities** for investment purposes

2004

SB 787 replaced references to specific rating agencies with "NRSRO"

2007

AB 2011 added 2 new Code sections, explicitly allowing use of CD placement services through January 1, 2012





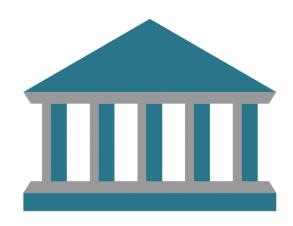
Key History of Changes 2008-2017

2008

AB 1745 allowed municipal bonds from any of the other 49 states

2015

AB 1933 permitted local agencies to invest in the senior debt obligations of three specific U.S. Instrumentalities: IBRD, IFC, and IADB.



2017

SB-974 clarified that a **required rating** is for the entire category and not for a specific rating.



2020 Proposed California Code Changes

AB 857: Public Banks

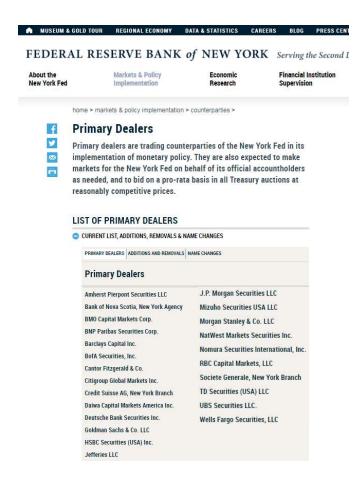
- Allows local governments to form public banks
- Proponents of the bill argue that a network of public banks would utilize taxpayer money in support of public policy priorities such as:
 - Affordable housing
 - Clean energy
 - Small business lending
 - Alternatives to payday loans
- Until now, the only public bank operating in the U.S. has been the Bank of North Dakota
- Takes effect January 1, 2020





Authorized Securities Dealers (53601.5)

- Direct issuers
- Broker-dealer registered with California
- Member of a federally regulated securities exchange (i.e., FINRA)
- National or state-chartered bank
- Savings or federal association
- Primary dealers



Source: https://www.newyorkfed.org/markets/primarydealers#primary-dealers.





Prohibited Investments (53601.6)

- Inverse floaters
- Range notes
- Mortgage-derived, interest-only strips
- Security that could result in zero interest accrual if held to maturity
 - Exempts mutual funds





Deposit Placement Services (53601.8)

- 30% of portfolio
- Depository institution must have branch in California and be one of these types of financial institutions:
 - Nationally or state-chartered commercial bank
 - Savings bank
 - Savings and loan association
 - Credit union
- Must be FDIC- or NCUA-insured







1

Can purchase investments through primary or secondary markets (53603)

2

May sell or exchange investments prior to maturity (53604)

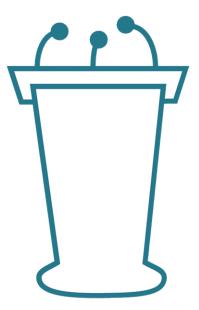
3

May sell to raise cash for agency's expenditures (53605)





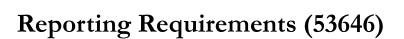
- Council/board may delegate to Treasurer for one-year period
- Must be renewed annually
- Must make monthly report of transactions when authority is delegated
 - Commonly missed reporting requirement





Reporting Requirements (53646)

- Quarterly reporting requirements are optional
- If providing quarterly reports, they must:
 - Be submitted within 30 days after quarter end
 - Include: investment type, issuer, maturity date, par amount, purchase price, description of funds being managed by an outside party, market value and source for any securities managed by an outside party that is not a local agency or LAIF
 - State that the portfolio is in compliance with the Policy or manner in which it is out of compliance
 - State the ability of the agency to meet its pool's expenditure requirements for the next six months or explain why it cannot





Excerpt of IEUA Monthly Report

estment Type	1	ssue	er			ı	Par Amo	unt	Ma	nturity	Date)	Mark	ket Valu
Subtotal Brokered CDs							\$3,865,000	\$3,864,464		\$3,864,746		3.12%		\$3,902,8
Royal Bank of Canada NY	06/08/18	1079	AA-	Aa2			815,000	815,000	1095	815,000	3.24%	2.24%	06/07/21	831,107
Sychrony Bank	10/02/15		N/R	N/R			240,000	240,000	1827	240,000	2.25%	2.25%	10/02/20	240,168
Bank of Montreal Chicago	08/03/18		A+	Aa2			1,400,000	1,400,000	731	1,400,000	3.19%	3.23%	08/03/20	1,409,736
Bank of Nova Scotia Houston	06/07/18	718	A-1	P-1			\$1,410,000	\$1,409,464	729	\$1,409,746	3.08%	3.10%	06/05/20	\$1,421,827
rokered Certificates of Deposit (CDs)														
Repurchase & Pooled Investment Accounts							\$64,128,312	\$64,128,312		\$64,128,312		0.023280976	5	\$64,128,312
Bank Investment Accounts				-			\$447,303	\$447,303		\$447,303				\$447,303
otal Cash, Bank Deposits and														
			S&P	Moody's	S&P	Moody's	Amount	Amount	(Days)	Value	Coupon	Maturity	Date	Value
	Date	Length		urchase	17.0000000	dit Rating	Par	Cost Basis	Term	June	%	Yield to	Maturity	Market
	Settlement	Security	Cred	it Rating	CH	ANGES IN		7				%	 	

Inv

Brokered Certificates of Deposit (CDs) Bank of Montreal

Chicago

\$1,400,000

08/03/20

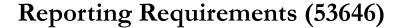
\$1,409,736



Reporting Requirements (53646)

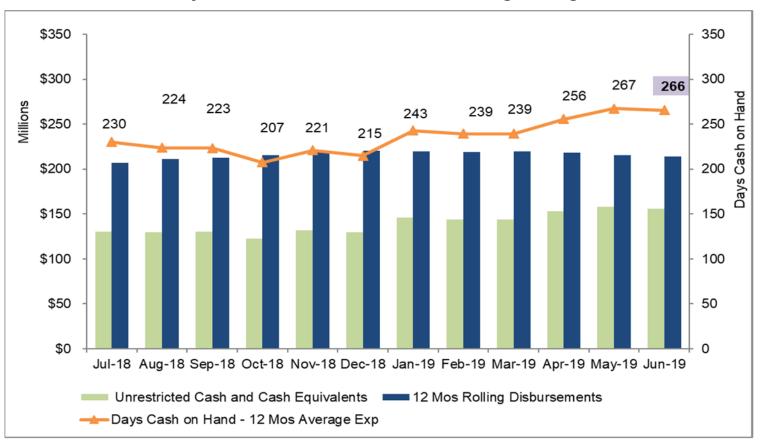
IEUA Monthly Report Agency Liquidity

Description	May (\$ million)	June (\$ million)	Change (\$ million)
Investment Portfolio	\$154.7	\$155.5	\$0.8
Cash and Restricted Deposits	\$98.8	\$101.1	\$2.3
Total Investments, Cash, and Restricted Deposits	\$253.5	\$256.6	\$3.1
Investment Portfolio Yield	2.53%	2.54%	0.02%
Weighted Average Duration (Years)	1.02	1.00	(0.02)
Average Cash on Hand (Days)	267	266	(1)





IEUA Monthly Report Days Cash on Hand – 12 Month Rolling Average







Local agencies

- May annually render a statement of investment policy to council/board/oversight committee, which shall be considered at a public meeting by the council/board
- Any change in the Policy shall be considered by the council/board at a public meeting

Counties

- May annually render to the board of supervisors/oversight committee a statement of investment policy, which board shall review and approve at a public meeting
- Any change in the Policy shall be reviewed and approved by the board at a public meeting



IEUA Investment Policy Statement vs. California Code

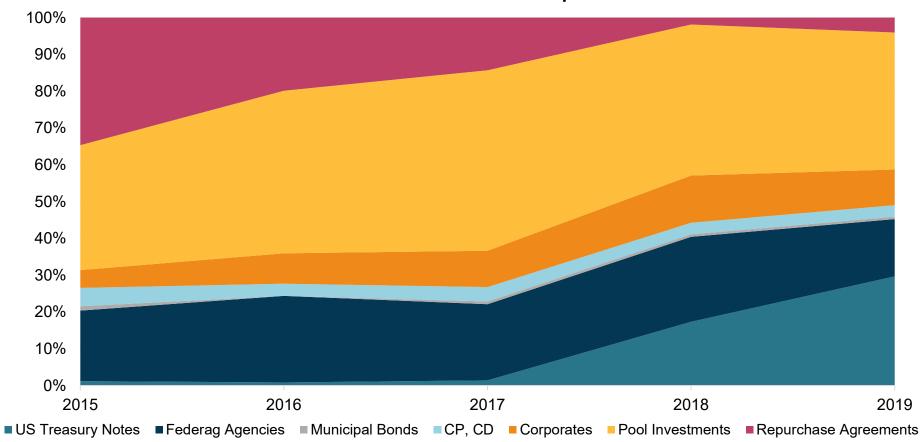
Sector Type	IEUA IPS	CA State Code	Currently Utilized?
U.S. Treasuries	✓	✓	✓
Federal Agencies	✓	✓	✓
Municipal Securities	✓	✓	✓
Supranationals	✓	✓	X
Repurchase Agreements	✓	✓	✓
Bankers' Acceptances	✓	✓	X
Negotiable Certificates of Deposit	✓	✓	✓
Commercial Paper	✓	✓	✓
Medium-Term Corporate Notes	✓	✓	✓
Asset-Backed Securities	✓	✓	X
Money Market Funds/Bond Mutual Funds	✓	✓	✓
Local Government Investment Pools	✓	✓	✓

Source: http://www.leginfo.ca.gov/cgi-bin/calawquery?codesection=gov&codebody=&hits=20 & IEUA Investment Policy Statement as of February 2018.



IEUA Historical Sector Allocation

IEUA Investment Portfolio Composition



Source: IEUA. Portfolio data as of June 30 of each year. Pool investments include CAMP, LAIF, & CalTRUST holdings.



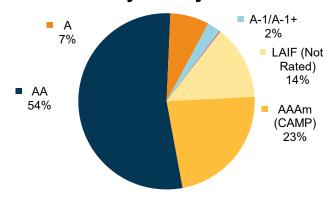


IEUA Portfolio Snapshot

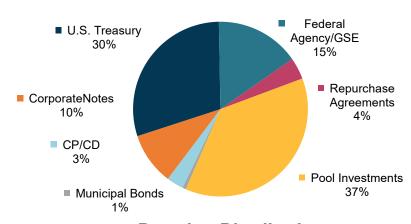
IEUA Portfolio Statistics

Total Market Value	\$155,460,560
Effective Duration	1.62 Years
YTM at Cost	2.33%
Average Credit Quality	AA

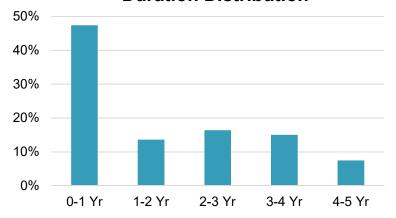
Credity Quality - S&P



Sector Allocation



Duration Distribution



Source: IEUA portfolio data as of June 30, 2019. Pool investments include CAMP and LAIF holdings.





Permitted Investments by State: How does CA Compare?

High **DEGREE OF LENIENCY** Low

Permitted Investments by State	CA	AZ	WA	СТ
•		_		
U.S. Treasuries	100% ✓	100% ✓	100% ✓	100% ✓
Federal Agencies	100% ✓	100% ✓	100% ✓	100% ✓
Municipal Securities	100% ✓	100% ✓	100% ✓	100% ✓
Supranationals	30% ✓	100% ✓	100% ✓	100% ✓
Repurchase Agreements	20% ✓	100% ✓	X	100% ✓
Bankers' Acceptances	40% ✓	X	40% ✓	X
Negotiable Certificates of Deposit	30% ✓	100% ✓	X	X
Commercial Paper	25% ✓	100% ✓	050/1	X
Medium-Term Corporate Notes	30% ✓	100% ✓	25%¹√	X
Asset-Backed Securities	20% ✓	X	X	X
Money Market Funds/Bond Mutual Funds	20% ✓	100% ✓	X	100% ✓
Local Government Investment Pools	100% ✓	100% ✓	100% ✓	100% ✓

Source: http://www.leginfo.ca.gov/cgi-bin/calawquery?codesection=gov&codebody=&hits=20, http://www.azleg.state.az.us/ArizonaRevisedStatutes.asp?Title=35, http://app.leg.wa.gov/RCW/default.aspx?cite=39.59.040, & https://www.cga.ct.gov/current/pub/chap_112.htm#sec_7-400.

1. WA Revised Statutes impose a 25% aggregate limit on commercial paper and corporate notes.





- ➤ California Government Code is inherently risk averse.
- ➤ The Code is designed to protect public portfolios while providing flexibility to invest according to your agency's unique goals and objectives.
- ➤ The Code changes periodically and your agency's needs may change over time review your investment policy and investments regularly to stay up-to-date and ensure the policies and practices continue to best serve your agency.





California

California Government Code



California Municipal Treasurers Association



California Debt and Investment Advisory Commission Local Agency Investment Guidelines



National

Association of Public Treasurers



Government Finance Officers Association



CFA Institute





If you have additional questions, please email them to meachams@pfm.com and cvalencie@ieua.org.

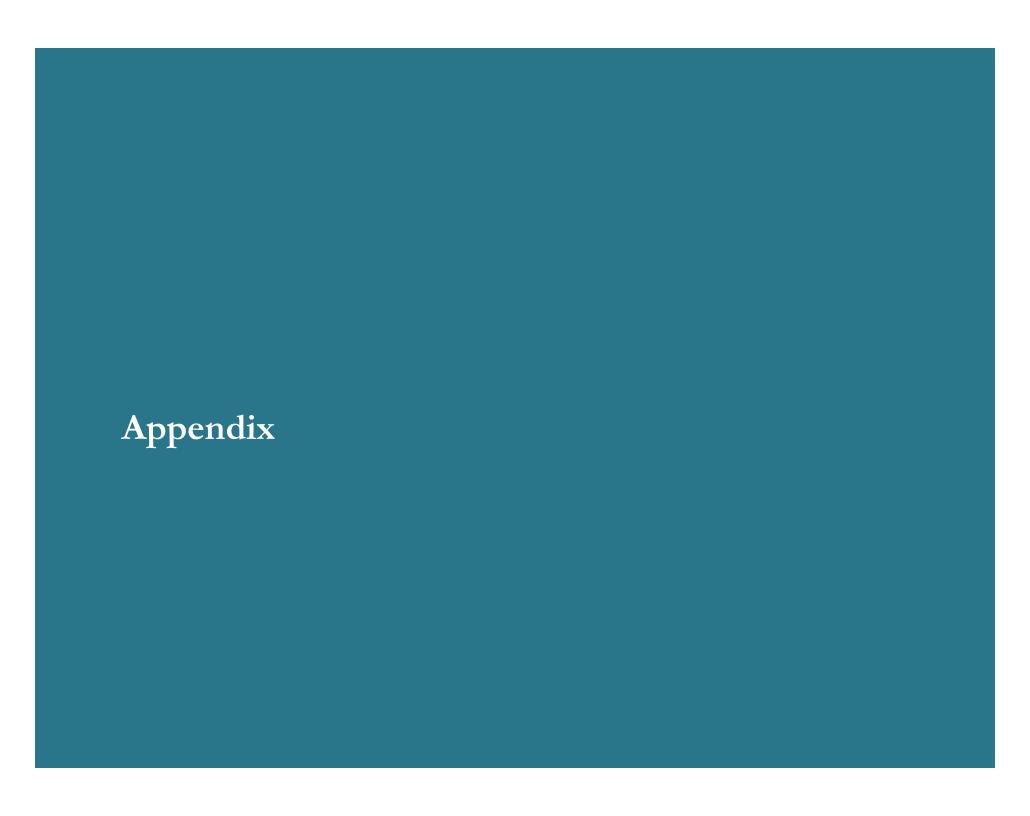
Thank you for joining us today!



Disclaimer

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History of Changes 2001-2005

2001	SB 68 designated money in the Local Agency Investment Fund (LAIF) as non-state money
2002	 AB 609: Clarified which agencies fall under 53601 (all local agencies that are not counties) and 53635 (applies only to counties and certain pools) Simplified definition of Federal Agencies by eliminating references to specific Agencies Changed sliding scale of permitted commercial paper allocation to static 25% Added Fitch to the list of rating agencies providing ratings for commercial paper Eliminated distinction between pre- and post-December 1994 investments for repurchase and reverse repurchase agreements and securities lending Added Community Redevelopment Act rating of satisfactory for depositories to be eligible to receive funds LAIF's deposit limit goes from \$30 million to \$40 million
2004	 SB 787 replacing references to specific rating agencies with "nationally recognized statistical-rating organization (NRSRO)" AB 2853 made the submission of investment policies and quarterly reports optional and therefore not a reimbursable mandate
2005	AB 969 added 2 new sections, 6509.7 and 53601(p), that provide specific criteria and authorization for the formation and use of joint powers authorities for pooling funds for investment purposes



History of Changes 2007-2014

2007	 AB 2011 added 2 new Code sections, 53601.8 and 53635.8, explicitly allowing use of CD placement services through January 1, 2012
2008	AB 1745 added a new section, 53601(d), that allows municipal bonds from any of the other 49 states
2009	LAIF's deposit limit goes from \$40 million to \$50 million
2011	SB 1344 removed January 1, 2012 sunset date for eligibility of CD placement services
2012	SB 194 added federally-licensed branch of a foreign bank to list of eligible issuers for negotiable CDs

AB 279 added two sections each for 53601.8 and 53635.8:

2014

- Section 1 of 53601.8 and Section 3 of 53635.8, which took effect January 1, 2014 and set to expire December 31, 2016, expanded the types of deposits that local agencies can invest in using a deposit placement service. Added a 10% limit for any one placement service.
- Section 2 of 53601.8 and Section 4 of 53635.8, which was scheduled to take effect January 1, 2017, would revert the Code back to prior language, again limiting deposits to CDs. No expiration date was defined.



Recent Changes to Code

2015	 AB 1933 added section 53601(q) that permits local agencies to invest in the senior debt obligations of three specific U.S. Instrumentalities: the International Bank for Reconstruction and Development, International Finance Corporation, and the Inter-American Development Bank.
	AB 283 extended the dates established in AB 279.
2016	 Section 1 of 53601.8 and Section 3 of 53635.8 sunset dates were extended from January 1, 2017 to January 1, 2021. Eliminated the combined 30% holding limits for placement service CDs and negotiable CDs. Eliminated the 10% limits for any one placement service.
	 Section 2 of 53601.8 and Section 4 of 53635.8 are scheduled to take effect January 1, 2021 and will last indefinitely.
2017	 SB-974 clarified the Code's rating requirements such that a required rating is for the entire category and not for a specific rating.
2019	 AB 1770 revised language in section 53601(o) to permit the purchase of ABS with a maximum remaining maturity of 5 years and eliminate the requirement that securities be rated "A" or better by an NRSRO.