



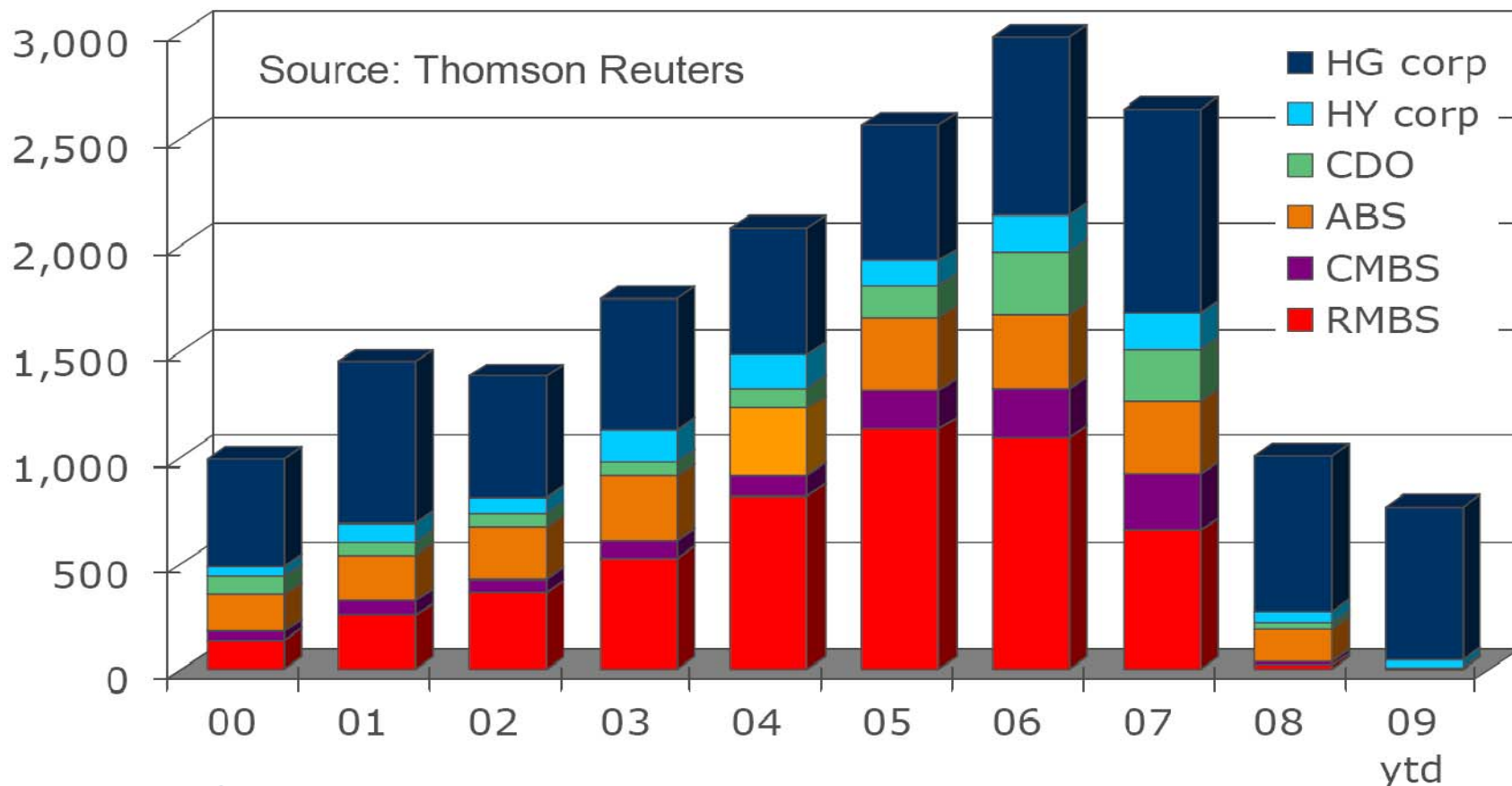
Solano EDC Breakfast Event

**Commercial Finance Update
“Defrosting the Market”**

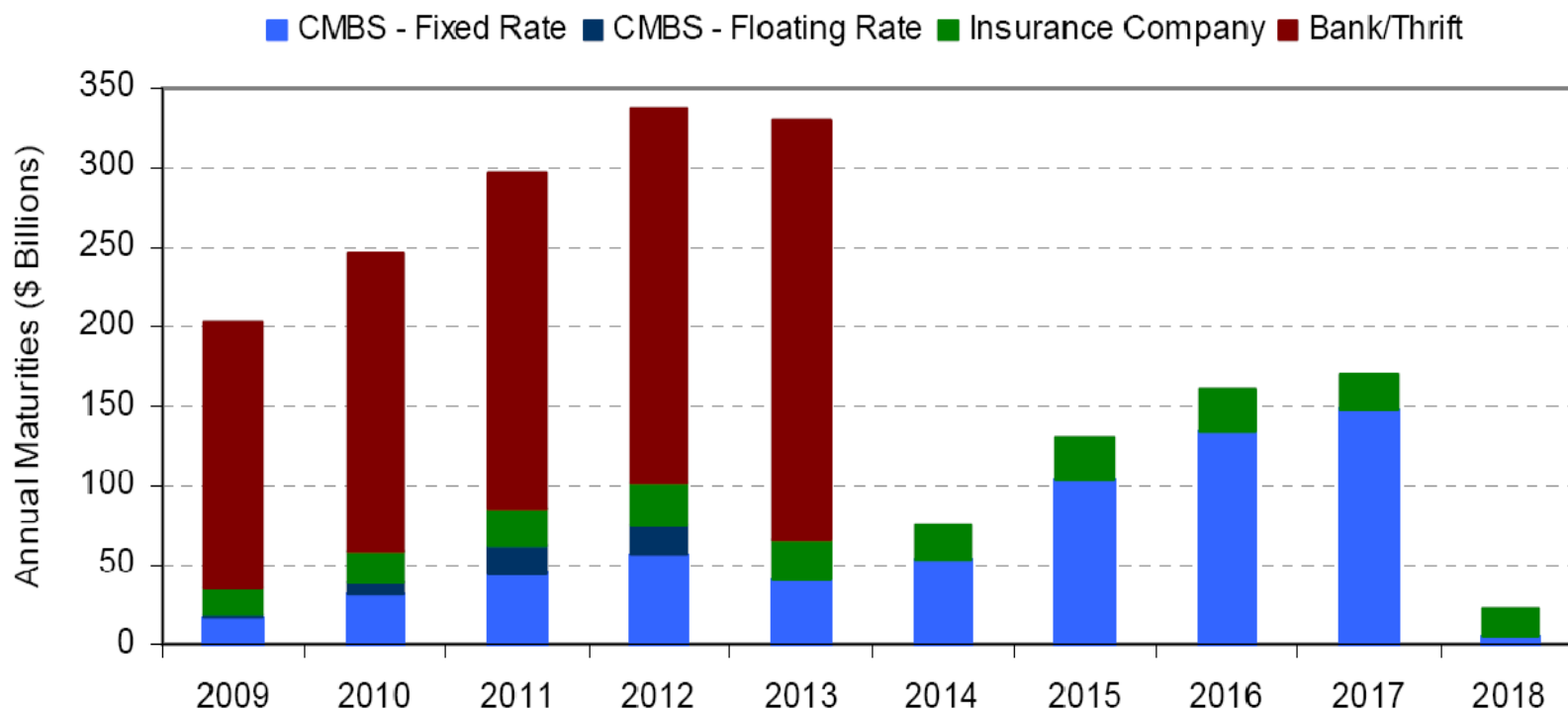
Paul Schroeder
Managing Director
Cohen Financial

Shutting Tight

Bond issuance, \$ billion, annualized

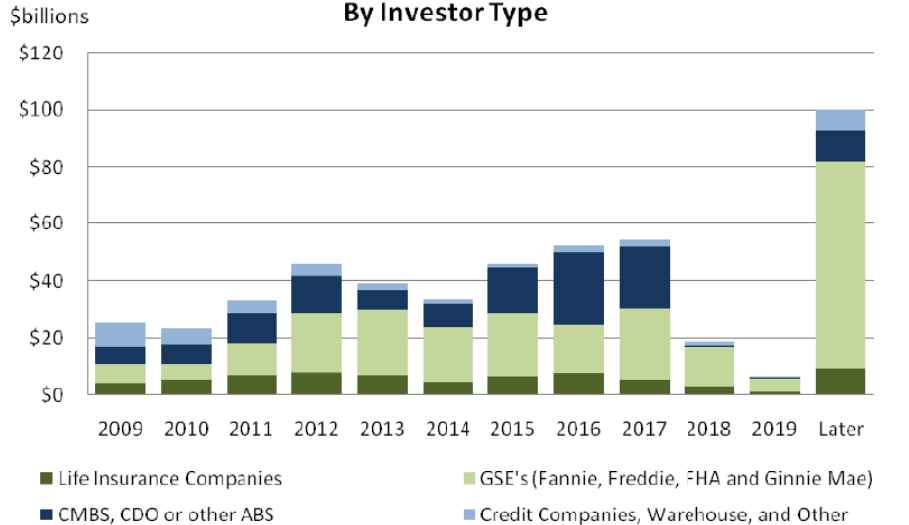


Estimated Maturity Profile of Commercial Mortgages in CMBS, Bank and Life Company Portfolios



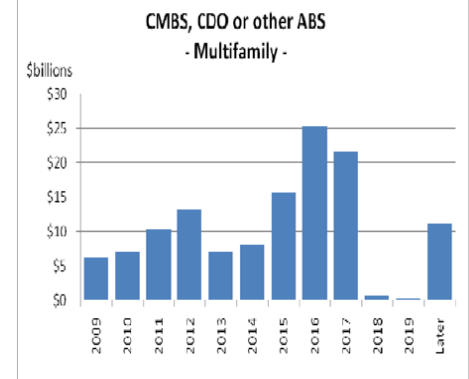
Non-Bank Multifamily Loans

**Non-Bank Multifamily Loan Maturities
By Investor Type**



Commercial Mortgage-backed Securities (CMBS), Collateralized Debt Obligations (CDOs) and other Asset-backed Securities (ABS)

Of \$128 billion of multifamily mortgages held in CMBS, CDOs or other ABS, \$6.3 billion will mature in 2009, followed by \$7.1 billion in 2010, meaning approximately 10 percent of the outstanding balance will mature this year and next. Subsequent years will see volumes of maturities rise then fall, including \$10.5 billion of current unpaid principal balance maturing in 2011, \$13.3 billion maturing in 2012, \$7.1 billion maturing in 2013, and \$8.1 billion maturing in 2014. As the 10-year loans that were made in 2005, 2006 and 2007 begin to mature, volumes will again rise, hitting \$15.8 billion in 2015, \$25.5 billion in 2016 and \$21.6 billion in 2017. Maturing volume falls to \$0.8 billion in 2018 and \$0.4 billion in 2019. Loans maturing after 2019 have a current UPB of \$11.1 billion.

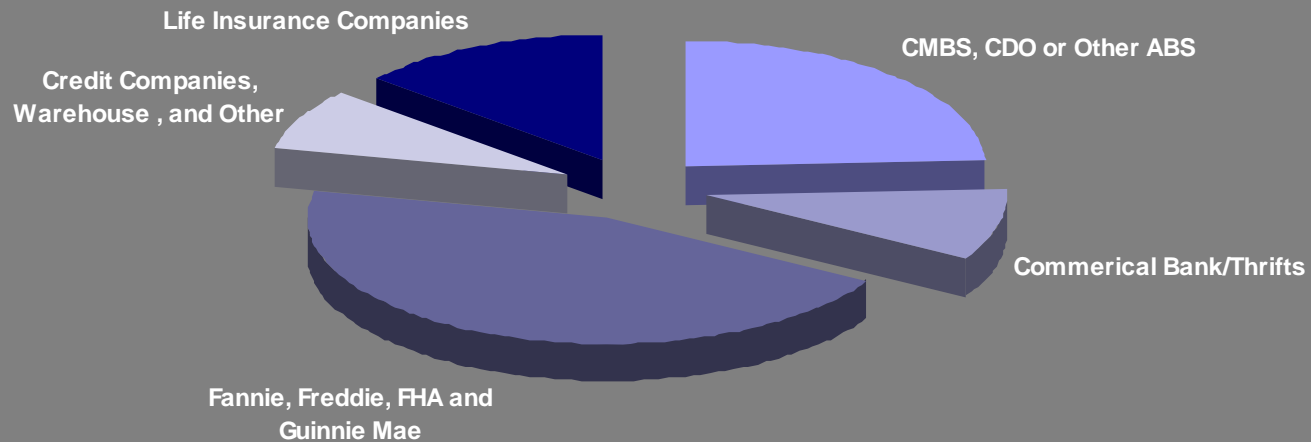


Because CMBS mortgages are held in a trust, servicers have some limits on how they deal with the maturing mortgages. In general, servicers have greater discretion in extending and modifying fixed-rate CMBS mortgages, and more proscribed discretion in extending and modifying floating-rate mortgages. In either case, a servicer manages the process to maximize benefits to the trust. CMBS master servicers have no discretion with respect to forbearance, extension or modification of either fixed-rate or floating-rate loans, other than those activities which are specifically provided for in the loan documents. The special servicer has significant discretion in providing forbearance, extension or modification of either fixed-rate or floating-rate loans, subject to the servicing standard. The servicing standard requires

Table 2. Multifamily Totals By Investor Type

(\$ billions)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Later	TOTAL
CMBS, CDO or other ABS	\$6.3	\$7.1	\$10.5	\$13.3	\$7.1	\$8.1	\$15.8	\$25.5	\$21.6	\$0.8	\$0.4	\$11.1	\$128.2
Commercial Bank/Thriffs	\$4.4	\$2.8	\$2.2	\$0.8	\$0.6	\$0.5	\$0.4	\$0.6	\$1.5	\$1.7	\$0.6	\$30.1	\$47.3
Fannie, Freddie, FHA and Ginnie Mae	\$6.4	\$5.3	\$11.1	\$20.2	\$22.6	\$19.0	\$22.0	\$16.7	\$24.5	\$13.5	\$4.5	\$72.4	\$238.3
Credit Companies, Warehouse, and Other	\$8.5	\$5.5	\$4.5	\$4.5	\$2.1	\$1.4	\$1.6	\$2.4	\$2.8	\$1.3	\$0.3	\$6.7	\$42.7
Life Insurance Companies	\$4.5	\$5.6	\$7.0	\$8.1	\$7.1	\$4.8	\$6.6	\$7.7	\$5.4	\$3.3	\$1.3	\$9.5	\$71.1
TOTAL	\$30.1	\$26.3	\$35.3	\$46.8	\$39.5	\$33.9	\$46.4	\$52.8	\$55.9	\$20.6	\$7.1	\$129.9	\$527.7

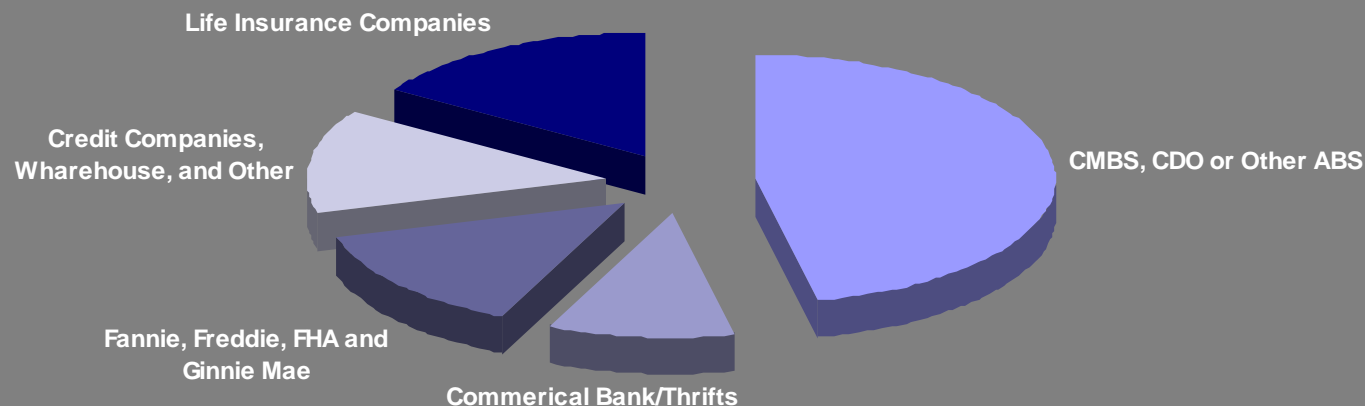
Note: Total may not equal sum of years as a result of outstanding balance of loans that matured in previous years.



(\$ billions) Totals from 2009-2019

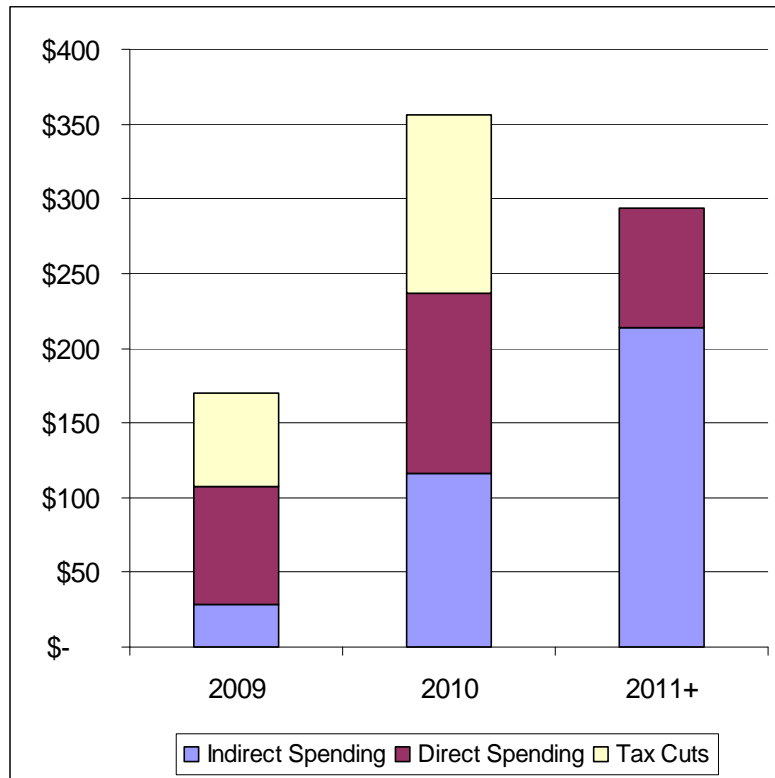
Table 1. Total Maturities By Investor Type

(\$ billions)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Later	TOTAL
CMBS, CDO or other ABS	\$90.5	\$61.9	\$51.5	\$60.4	\$48.0	\$53.0	\$98.2	\$136.6	\$137.1	\$7.2	\$3.4	\$53.8	\$805.5
Commercial Bank/Thriffs	\$46.5	\$26.6	\$15.3	\$10.9	\$4.8	\$2.6	\$3.3	\$4.0	\$10.1	\$5.8	\$1.1	\$37.8	\$173.3
Fannie, Freddie, FHA and Ginnie Mae	\$6.4	\$5.3	\$11.1	\$20.2	\$22.6	\$19.0	\$22.0	\$16.7	\$24.5	\$13.5	\$4.5	\$72.4	\$238.3
Credit Companies, Warehouse, and Other	\$57.6	\$33.0	\$21.8	\$22.4	\$10.0	\$7.6	\$9.1	\$10.3	\$10.9	\$5.1	\$1.6	\$37.5	\$234.8
Life Insurance Companies	\$16.8	\$19.8	\$23.1	\$26.1	\$24.8	\$20.6	\$25.7	\$27.3	\$21.4	\$16.3	\$6.5	\$43.9	\$272.9
TOTAL	\$217.9	\$146.5	\$122.8	\$140.0	\$110.2	\$102.8	\$158.3	\$195.0	\$204.0	\$47.8	\$17.0	\$245.4	\$1,724.9



(\$ billions) Totals from 2009-2019

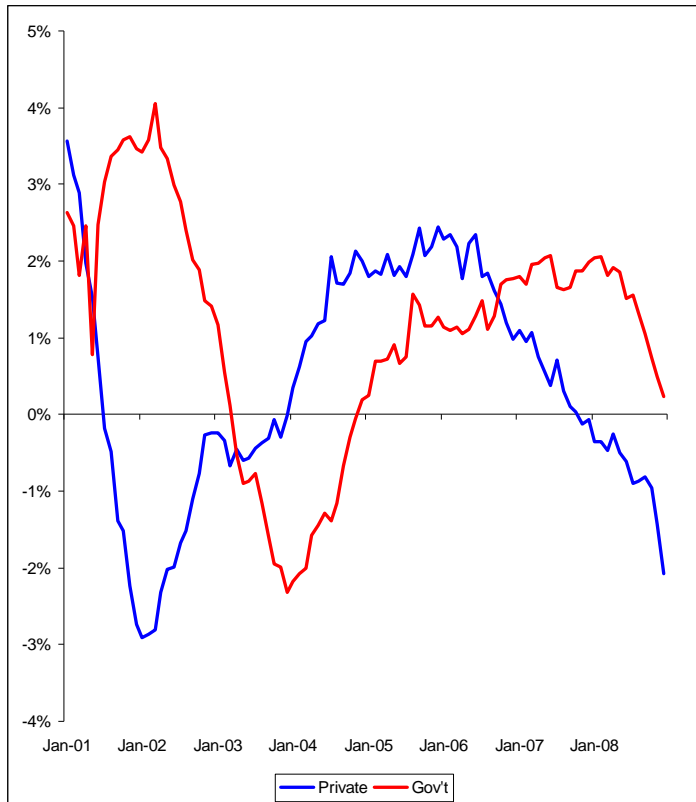
Government Contribution to Recovery: Fed's



CBO Estimates of Fiscal Impact of
Stimulus Package (HR1, billions \$)

- Many of the usual tools for stimulating the economy are limited in today's climate:
 - Interest rates have hit a floor, and haven't filled the hole left by securitized lending.
 - Tax cuts go under the mattress.
- The only arrow left in the quiver is government spending...
- Unfortunately, the majority of spending and tax cuts from the stimulus package passed by the House won't occur until FY 2010.

Government Contribution to Recovery: State



YoY Chg in CA NFP
Employment, Private Sector
vs. Gov't

- The 2001 recession precipitated a fiscal crisis in CA, but the employment impact didn't hit until 2003 – offsetting private sector job gains and delaying the recovery.
- Our \$40b fiscal crisis has now surpassed the \$38b projected deficit that triggered Gov. Davis' recall, with no solution in sight...
- Contraction in state spending may offset much of the federal stimulus.
- If we follow the 2001 pattern, state government will be a drag on CA job growth until 2011!