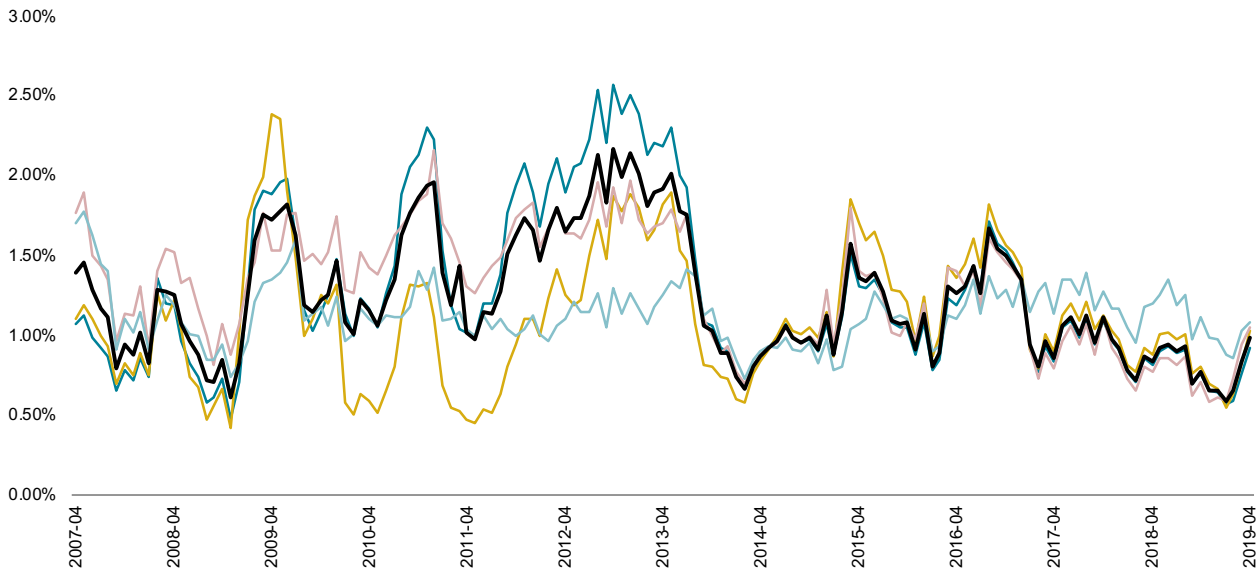


PREPAYMENT RATE (SMM) BY INVESTOR / PRODUCT

— GSE — FHA/VA — PORTFOLIO — PRIVATE — TOTAL MARKET



	GSE	FHA/VA	PORTFOLIO	PRIVATE	TOTAL MARKET
2019-04 (SMM)	0.92%	1.03%	1.05%	1.08%	0.99%