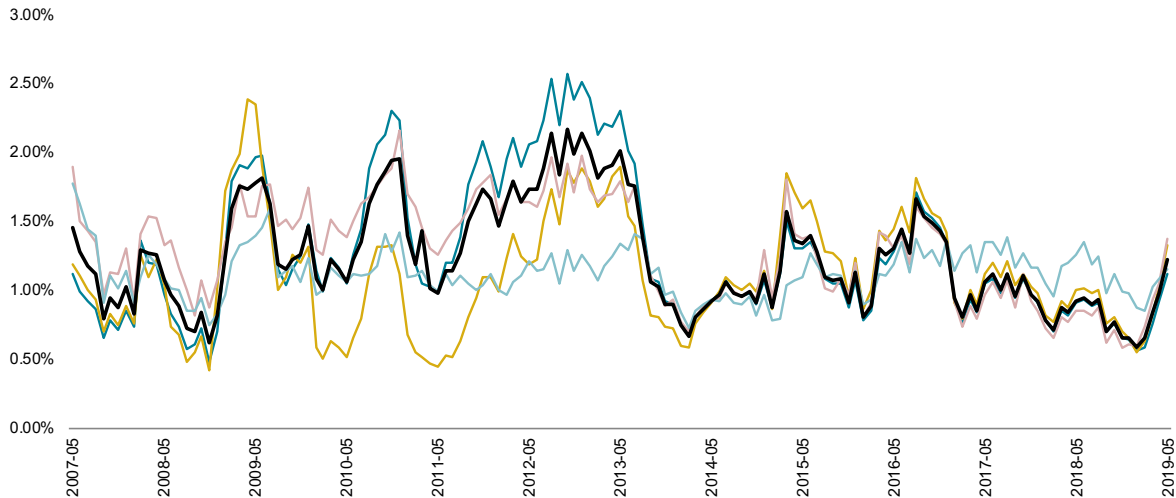


## PREPAYMENT RATE (SMM) BY INVESTOR / PRODUCT

— GSE — FHA/VA — PORTFOLIO — PRIVATE — Market Total



	GSE	FHA/VA	PORTFOLIO	PRIVATE	TOTAL MARKET
2019-05	1.12%	1.33%	1.37%	1.16%	1.23%
4-Mo Change	+98%	+145%	+131%	+31%	+109%