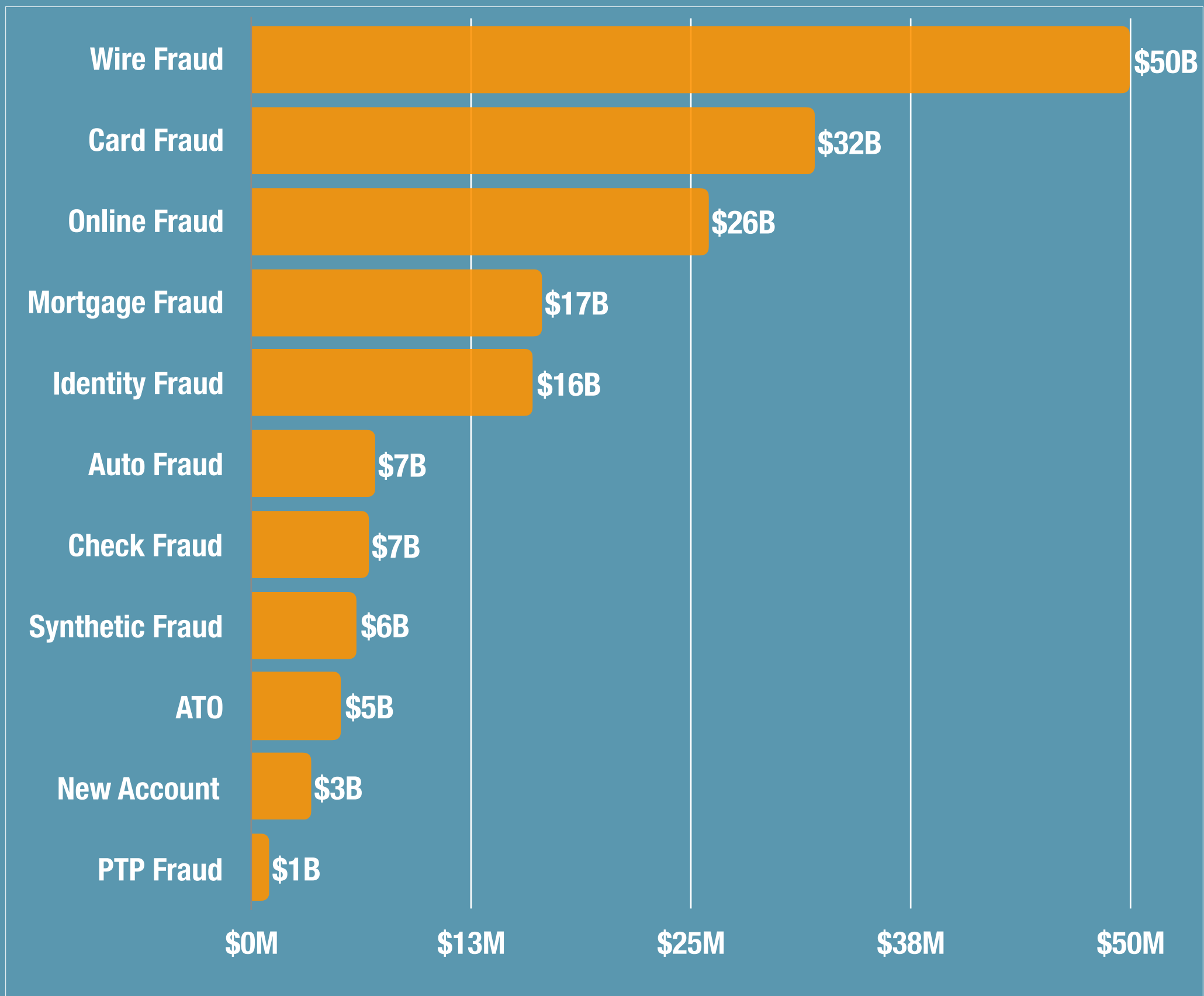


2019 TOP FRAUD TYPES BY LOSSES

The Top Fraud Types Account for \$170 Billion Losses Annually



Fraud Estimate Breakdown Annually By Type

Fraud Type	Annual Losses	Source
Wire Fraud (Including BEC)	\$50B (US)	FrankonFraud
Card Fraud	\$32B (Global)	Nilson Report
Online Fraud	\$26B (US)	Juniper
Mortgage Fraud	\$17B (US)	CoreLogic
Identity Fraud	\$16B (US)	Javelin
Auto Lending Fraud	\$7B (US)	PointPredictive
Check Fraud	\$7B (US)	ABA
Synthetic Fraud	\$6B (US)	Auriemma
ATO	5.1B (US)	ABA
New Account Fraud	3.4B (US)	Javelin
PTP Fraud	\$1B (US)	FrankonFraud