

## Schedule A

GNMA 2003-113	GNMA 2005-011	GNMA 2005-090	GNMA 2006-064	GNMA 2007-058
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GNMA 2017-045	GNMA 2017-124	GNMA 2018-028	GNMA 2018-158	GNMA 2019-101
GNMA 2017-047	GNMA 2017-125	GNMA 2018-039	GNMA 2018-159	GNMA 2019-102
GNMA 2017-049	GNMA 2017-126	GNMA 2018-041	GNMA 2018-161	GNMA 2019-103
GNMA 2017-050	GNMA 2017-129	GNMA 2018-042	GNMA 2018-162	GNMA 2019-105
GNMA 2017-051	GNMA 2017-130	GNMA 2018-043	GNMA 2018-169	GNMA 2019-107
GNMA 2017-054	GNMA 2017-131	GNMA 2018-045	GNMA 2018-170	GNMA 2019-108
GNMA 2017-058	GNMA 2017-132	GNMA 2018-050	GNMA 2018-173	GNMA 2019-109
GNMA 2017-060	GNMA 2017-138	GNMA 2018-053	GNMA 2019-002	GNMA 2019-113
GNMA 2017-061	GNMA 2017-141	GNMA 2018-057	GNMA 2019-006	GNMA 2019-114
GNMA 2017-062	GNMA 2017-142	GNMA 2018-060	GNMA 2019-007	GNMA 2019-116
GNMA 2017-065	GNMA 2017-143	GNMA 2018-061	GNMA 2019-009	GNMA 2019-119
GNMA 2017-066	GNMA 2017-144	GNMA 2018-068	GNMA 2019-012	GNMA 2019-122
GNMA 2017-067	GNMA 2017-147	GNMA 2018-069	GNMA 2019-014	GNMA 2019-125
GNMA 2017-069	GNMA 2017-148	GNMA 2018-072	GNMA 2019-017	GNMA 2019-126
GNMA 2017-070	GNMA 2017-152	GNMA 2018-075	GNMA 2019-023	GNMA 2019-130
GNMA 2017-071	GNMA 2017-154	GNMA 2018-081	GNMA 2019-024	GNMA 2019-131
GNMA 2017-073	GNMA 2017-155	GNMA 2018-083	GNMA 2019-025	GNMA 2019-135
GNMA 2017-077	GNMA 2017-159	GNMA 2018-085	GNMA 2019-028	GNMA 2019-138
GNMA 2017-080	GNMA 2017-162	GNMA 2018-087	GNMA 2019-032	GNMA 2019-139
GNMA 2017-081	GNMA 2017-166	GNMA 2018-095	GNMA 2019-033	GNMA 2019-144
GNMA 2017-083	GNMA 2017-168	GNMA 2018-096	GNMA 2019-034	GNMA 2019-147
GNMA 2017-086	GNMA 2017-169	GNMA 2018-098	GNMA 2019-039	GNMA 2019-148
GNMA 2017-088	GNMA 2017-170	GNMA 2018-099	GNMA 2019-041	GNMA 2019-149
GNMA 2017-089	GNMA 2017-174	GNMA 2018-106	GNMA 2019-047	GNMA 2019-153
GNMA 2017-090	GNMA 2017-175	GNMA 2018-107	GNMA 2019-051	GNMA 2019-154
GNMA 2017-091	GNMA 2017-178	GNMA 2018-108	GNMA 2019-052	GNMA 2019-155
GNMA 2017-092	GNMA 2017-179	GNMA 2018-114	GNMA 2019-053	GNMA 2019-156
GNMA 2017-095	GNMA 2017-181	GNMA 2018-117	GNMA 2019-055	GNMA 2019-157
GNMA 2017-096	GNMA 2017-185	GNMA 2018-118	GNMA 2019-059	GNMA 2019-160
GNMA 2017-097	GNMA 2017-188	GNMA 2018-119	GNMA 2019-060	GNMA 2020-003
GNMA 2017-098	GNMA 2017-191	GNMA 2018-123	GNMA 2019-066	GNMA 2020-006
GNMA 2017-100	GNMA 2017-192	GNMA 2018-127	GNMA 2019-067	GNMA 2020-007
GNMA 2017-102	GNMA 2018-004	GNMA 2018-130	GNMA 2019-073	GNMA 2020-010
GNMA 2017-103	GNMA 2018-008	GNMA 2018-131	GNMA 2019-076	GNMA 2020-012
GNMA 2017-105	GNMA 2018-009	GNMA 2018-132	GNMA 2019-077	GNMA 2020-014
GNMA 2017-108	GNMA 2018-010	GNMA 2018-140	GNMA 2019-078	GNMA 2020-019
GNMA 2017-110	GNMA 2018-014	GNMA 2018-141	GNMA 2019-080	GNMA 2020-021

GNMA 2020-024	GNMA 2020-045	GNMA 2020-138
GNMA 2020-025	GNMA 2020-052	GNMA 2020-160
GNMA 2020-028	GNMA 2020-055	GNMA 2020-175
GNMA 2020-036	GNMA 2020-067	
GNMA 2020-037	GNMA 2020-083	
GNMA 2020-038	GNMA 2020-102	
GNMA 2020-039	GNMA 2020-127	