

Commercial and industrial									
December 31, 2020									
(in millions)	Term loans by origination year						Revolving loans		Total
	2020	2019	2018	2017	2016	Prior to 2016	Within the revolving period	Converted to term loans	
<b>Loans by risk ratings</b>									
Investment-grade	\$ 21,211 <sup>(b)</sup>	\$ 7,304	\$ 2,934	\$ 1,748	\$ 1,032	\$ 1,263	\$ 36,424	\$ 1	\$ 71,917
Noninvestment-grade	15,060	8,636	5,131	2,104	497	2,439	36,852	73	70,792
<b>Total retained loans</b>	<b>\$ 36,271</b>	<b>\$ 15,940</b>	<b>\$ 8,065</b>	<b>\$ 3,852</b>	<b>\$ 1,529</b>	<b>\$ 3,702</b>	<b>\$ 73,276</b>	<b>\$ 74</b>	<b>\$ 142,709</b>

Other <sup>(c)</sup>									
March 31, 2021									
(in millions)	Term loans by origination year						Revolving loans		Total
	2021	2020	2019	2018	2017	Prior to 2017	Within the revolving period	Converted to term loans	
<b>Loans by risk ratings</b>									
Investment-grade	\$ 8,483	\$ 25,689	\$ 8,177	\$ 5,052	\$ 5,874	\$ 16,897	\$ 148,248	\$ 603	\$ 219,023
Noninvestment-grade	3,500	4,179	2,191	1,621	485	1,065	24,132	124	37,297
<b>Total retained loans</b>	<b>\$ 11,983</b>	<b>\$ 29,868</b>	<b>\$ 10,368</b>	<b>\$ 6,673</b>	<b>\$ 6,359</b>	<b>\$ 17,962</b>	<b>\$ 172,380</b>	<b>\$ 727</b>	<b>\$ 256,320</b>

Other <sup>(c)</sup>									
December 31, 2020									
(in millions)	Term loans by origination year						Revolving loans		Total
	2020	2019	2018	2017	2016	Prior to 2016	Within the revolving period	Converted to term loans	
<b>Loans by risk ratings</b>									
Investment-grade	\$ 31,389	\$ 10,169	\$ 6,994	\$ 6,206	\$ 3,553	\$ 12,595	\$ 145,524	\$ 779	\$ 217,209
Noninvestment-grade	5,009	2,220	1,641	550	146	636	24,710	124	35,036
<b>Total retained loans</b>	<b>\$ 36,398</b>	<b>\$ 12,389</b>	<b>\$ 8,635</b>	<b>\$ 6,756</b>	<b>\$ 3,699</b>	<b>\$ 13,231</b>	<b>\$ 170,234</b>	<b>\$ 903</b>	<b>\$ 252,245</b>

- (a) At March 31, 2021, included \$1.2 billion of loans originated in 2021 and \$7.7 billion of loans originated in 2020 under the PPP, of which \$1.2 billion and \$7.1 billion are included in commercial and industrial, respectively. PPP loans are guaranteed by the SBA and considered investment-grade. Other than in certain limited circumstances, the Firm typically does not recognize charge-offs, classify as nonaccrual nor record an allowance for loan losses on these loans.
- (b) At December 31, 2020, included \$8.0 billion of loans under the PPP, of which \$7.4 billion is included in commercial and industrial.
- (c) Includes loans to financial institutions, states and political subdivisions, SPEs, nonprofits, personal investment companies and trusts, as well as loans to individuals and individual entities (predominantly Global Private Bank clients within AWM). Refer to Note 14 of JPMorgan Chase's 2020 Form 10-K for more information on SPEs.

The following table presents additional information on retained loans secured by real estate, which consists of loans secured wholly or substantially by a lien or liens on real property at origination.

(in millions, except ratios)	Multifamily		Other commercial		Total retained loans secured by real estate	
	Mar 31, 2021	Dec 31, 2020	Mar 31, 2021	Dec 31, 2020	Mar 31, 2021	Dec 31, 2020
Retained loans secured by real estate	\$ 72,194	\$ 73,078	\$ 46,344	\$ 46,915	\$ 118,538	\$ 119,993
Criticized	1,560	1,144	2,698	2,573	4,258	3,717
% of total criticized to total retained loans secured by real estate	2.16 %	1.57 %	5.82 %	5.48 %	3.59 %	3.10 %
Criticized nonaccrual	\$ 70	\$ 56	\$ 432	\$ 427	\$ 502	\$ 483
% of criticized nonaccrual loans to total retained loans secured by real estate	0.10 %	0.08 %	0.93 %	0.91 %	0.42 %	0.40 %