FIRM OVERVIEW

Marianne Lake, Chief Financial Officer

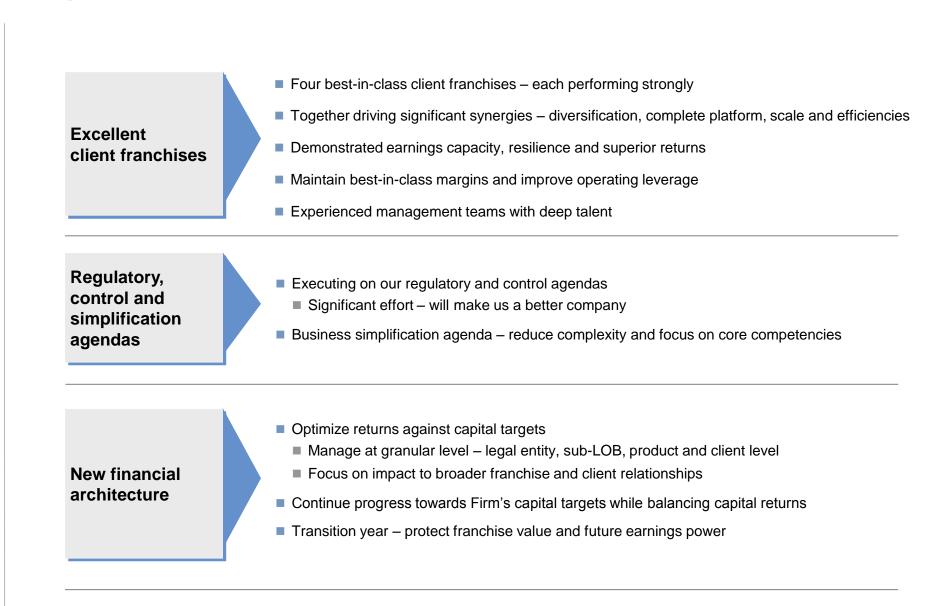
February 25, 2014

JPMORGAN CHASE & CO.

Agenda

	Page
JPMorgan Chase overview	1
New financial architecture	6
Balance sheet/NII and credit update	15
Expense, investments and outlook	21
Appendix – investor topics	27
Appendix – other	32

JPMorgan Chase – extremely strong fundamentals and well positioned to adapt JPMorgan Chase overview



JPMORGAN CHASE & CO.

Performance summary

JPMorgan Chase overview

\$mm, excluding EPS						
					Excl. DVA/FVA &	sig items ²
	FY2010	FY2011	FY2012	FY2013	FY2012	FY2013
Revenue (FTE) ¹	\$104,842	\$99,767	\$99,890	\$99,798	\$103,035	\$99,907
Credit costs	16,639	7,574	3,385	225	8,010	5,725
Expense	61,196	62,911	64,729	70,467	60,631	59,900
Reported – net income	\$17,370	\$18,976	\$21,284	\$17,923	\$22,299	\$23,241
Reported EPS	\$3.96	\$4.48	\$5.20	\$4.35	\$5.46	\$5.70
ROTCE ³	15%	15%	15%	11%	16%	15%
Basel III Tier 1 common ratio ^{3,4}	7.0	7.9	8.7	9.5		
<i>M</i> emo: Adjusted expense ⁵	\$53,440	\$57,401	\$59,742	\$59,031	Excl. total legal expe	ense & FRM⁵
ROE by LOB						
Consumer & Community Banking	11%	15%	25%	23%		
Corporate & Investment Bank	17	17	18	15		
Commercial Banking	26	30	28	19		
Asset Management	26	25	24	23		

Comments

- Diversification of our business has enabled us to invest through-the-cycle and maintain strong returns on increasing levels of capital
 - Despite significant items, the rate environment and mortgage volatility stable revenue for the last 3 years
 - NIR >50% of total revenue, across a broad set of categories and growing strongly
 - Expense maintained adjusted overhead ratio of <->58-59% over last 3 years

Note: Totals may not sum due to rounding ¹See note 1 on slide 48

- ²See note 2 on slide 48
- ³See note 4 on slide 49

⁵See note 3 on slide 49

⁴ Estimated impact of final Basel 2.5 Rules and Basel III Advanced NPR reflected in 2012, but not in 2010 and 2011

Maintain excellent client-based franchises

JPMorgan Chase overview

		2013	CAGR 2010-2013	Four unparalleled client franchises…
	CBB deposits (Avg)	\$435	8.4%	 ~50% of U.S. households have a Chase relationship ~80% of Fortune 500 companies are our clients⁴
	Client inv. assets (EOP)	189	12.4	 #1 customer satisfaction among largest banks for the 2nd year in a row⁵ Nearly 900 new quality clients added in CB in 2013
ССВ	Mortgage originations ¹	166	NM	each performing strongly
UUD	Card sales volume	420	10.3	CCB
	Auto originations	26	4.3	 Deposit growth more than 2x industry average⁶ #1 credit card issuer in the U.S.⁷
	Merchant processing volume	750	16.9	 Record credit card sales and client investment assets CIB
	Loans (EOP)	\$108	8.6%	 Top 3 in 15 product categories out of 16⁸ #1 in global IB fees with 8.6% market share⁹ – up 110 bps from 2012 #1 in markets revenue with 16.0% market share¹⁰ – up 140 bps from 2012
CIB	Client deposits (Avg) ²	384	15.6	 FICC: 18.6% market share¹⁰ – up 300 bps from 2012 CB
	AUC (\$T, EOP)	20	8.3	14 consecutive quarters of loan growth
	Average VaR (\$mm) ³	47	NM	 #1 traditional Middle Market syndicated lender in the U.S. #1 U.S. multifamily lender Strong credit performance – <5 bps net charge-offs in 2012 and 2013
	Loans (EOP)	\$137	11.5%	 AM 19 consecutive quarters of positive long-term flows
СВ	Deposits (Avg)	198	12.6	 80% of 10-year mutual fund AUM in top 2 quartiles 29% pretax margin¹¹, up 90 bps YoY
	AUM (EOP)	\$1,598	7.2%	and together driving \$18B of gross synergies
AM	Long-term AUM Flows	90	NM	 Record gross IB revenue from CB clients¹² CB clients generate 29% of NA IB fees
	Loans (EOP)	95	29.4	~55% of retail mortgages & ~40% of Chase branded cards sold through branched cards
	Deposits (Avg)	140	17.5	 ~55% of CB clients & ~35% of PB households visit branches each quarter CWM assets managed by AM increased by 34% YoY to \$90B

Note: For footnoted information, refer to slide 42

Book value per share – growing our fortress balance sheet

JPMorgan Chase overview

Key metrics since FY2006¹

(\$B) 2006 2010 2013 **¦%∆'06-'13** $5Y^3$ 10Y³ Growth YoY B3T1C of 9.5% as \$65.4 \$153.3 Tangible common equity \$118.0 134% BVPS 4% 8% 9% of 4Q13 Basel I Tier 1 common 7.3% 9.8% 10.7% $3.4\%^{2}$ TBVPS 5 13 9 \$9.0² Loan loss reserve \$7.3 \$32.3 \$16.3 EOP Deposits \$638.8 \$930.4 \$1,287.8 102% \$53.25 \$51.27 \$46.59 \$43.04 \$39.88 \$40.81 \$38.75 \$36.59 \$36.15 \$33.69 \$33.45 \$30.18 \$27.09 \$22.52 \$21.96 \$18.88 2006 2011 2007 2008 2009 2010 2012 2013 Shares Durbin – Card Act – Reg E outstanding Controls – Regulatory (EOP) 3.5B 3.4B 3.7B 3.9B 3.9B 3.8B 3.8B 3.8B assessments – Liquidity compliance

Since 2010, JPM's profits were ~\$76B, despite ~\$20B in after-tax legal expense and ~\$9B of regulatory costs Over last 4 years, added ~\$47B to capital after return to shareholders of ~\$23B

¹ See note 4 on slide 49

OVERVIEW

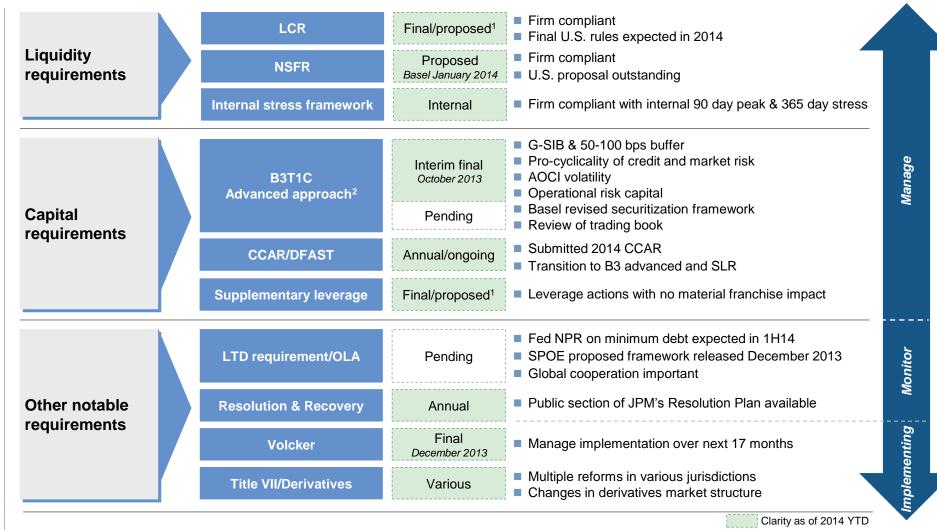
CHASE

JPMORGAN

Agenda

	Section
JPMorgan Chase overview	1
New financial architecture	6
Balance sheet/NII and credit update	15
Expense, investments and outlook	21
Appendix – investor topics	27
Appendix – other	32

New financial architecture



For many of the rules above, there are compliance considerations at the LOB, sub-LOB and legal entity levels

The Firm has made significant progress toward compliance and is well-positioned against a clearer framework

Note: For footnoted information, refer to slide 43; estimated compliance based on current understanding of rules

What to expect in 2014

New financial architecture

2014	objectives ¹			Comments
		Estimated 4Q13	2014 Objectives	JPM ap Advanc
idity	Firm & Bank LCR ² and NSFR	>100%	>100%	 Effect be su
Liquidity	JPM internal 90 day peak & 365 ³ day stress	>100%	>100%	Repose binding Stand
	Basel III Tier 1 common ratio	9.5%	10%+	In additional and main additional and main additional and main additional
tal ⁴	Basel III Tier 1 capital ratio	10.2%	11%+/-	Advanc capital r
Capital ⁴	Firm SLR ⁵	4.6% ⁶	5%+	Stated target
	Bank SLR ^{5,6}	4.6% ⁶	5%+	5.5%+/- and Bank, ove
	Available Resources for OLA ⁷	~19%	~2x current equity capitalization rate	

ts

- pproved to exit Basel III ced Parallel
 - ective 2Q14, the Firm will subject to Basel III Adv.
 - port on a transition basis; ding constraint lower of ndardized or Advanced
- lition, continue to report anage to our Basel III nced fully phased-in ratios
- et for Firm of nd 6%+ for ver time

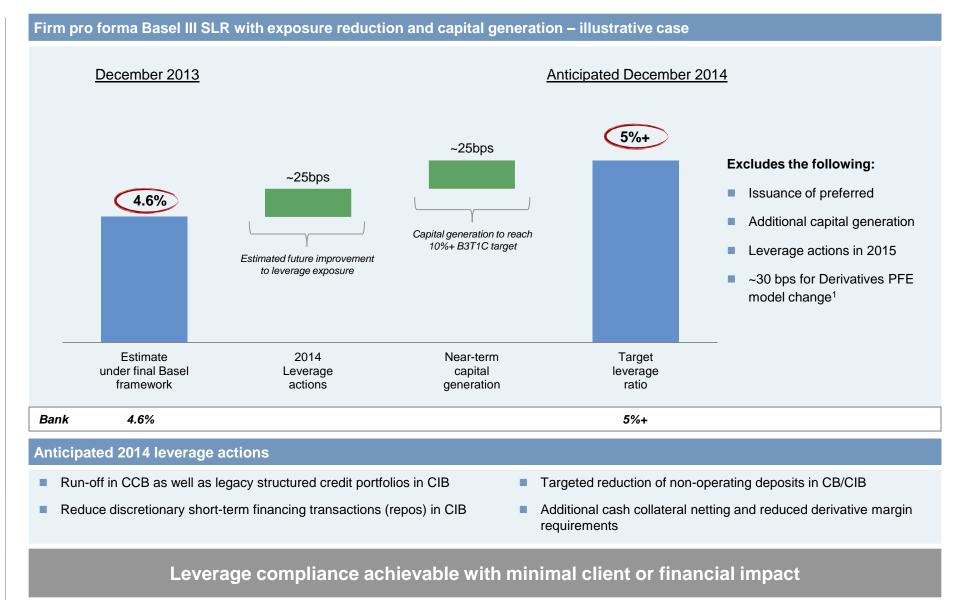
JPMORGAN CHASE & CO.

Maximizing returns within the new financial architecture while staying focused on broader franchise and client relationships

- ¹ Based on current rules and minimums
- ² Firm compliant with both Basel and U.S. proposed rules; Bank compliant with Basel rules
- ³ While 2014 objective is >100%, it allows for management actions within capital impact tolerance
- ⁴ See note 4 on slide 49
- ⁵ Basel framework; both Bank & Firm SLR under U.S. NPR of 4.7%
- ⁶ Corresponds to the Firm's lead bank, JPMorgan Chase Bank, National Association
- ⁷ Available resources include Basel III Tier 1 common equity, preferred and trust preferred securities, as well as holding company unsecured long-term debt with maturities greater than 1 year

Basel III Supplementary Leverage Ratio ("SLR")

New financial architecture



¹ Derivatives Potential Future Exposure (PFE) model change denotes change from Current Exposure Method (CEM) to Non-Internal Models Methodology (NIMM). Best estimate of impact is ~40 bps for the Bank

ш

JPMORGAN CHASE & CO.

G-SIB and balance sheet optimization

New financial architecture

Commentary		
JPM falls within the 2.5% G-SIB bucke	et	
 G-SIB score is a function of our opera platform, leadership positions and ma competitive advantage 	•	•
CIB is the main contributor to the Firm	n's score, but also k	key to synergies
	- 1	400/
 All peers operating above stated target is consistent with JPM's target Basel III Tier 1 common capital – 4Q13 per 		>10% – which
is consistent with JPM's target		>10% – which Peer average ¹
is consistent with JPM's target	eer comparison	Peer
is consistent with JPM's target Basel III Tier 1 common capital – 4Q13 p	eer comparison JPM	Peer average ¹

Benefits of JPM operating model

- Two great brands
- Diversification and depth of funding access
- Complete platform deep client relationships and global reach
- Competitive pricing through scale advantage
- Experienced management team deep bench

Equates to \$6-7B net income contribution⁴

\$18B gross synergies²

Revenue: \$15B, Expense: \$3B

Only \$3-6B required to be SVA positive on an incremental 50-100 bps of B3T1C^{3,4}

Synergies drive positive SVA on any incremental capital

Source: Company disclosures

- ¹ Peers include BAC, C, GS, MS and WFC
- ² For additional details on synergies, refer to slide 29

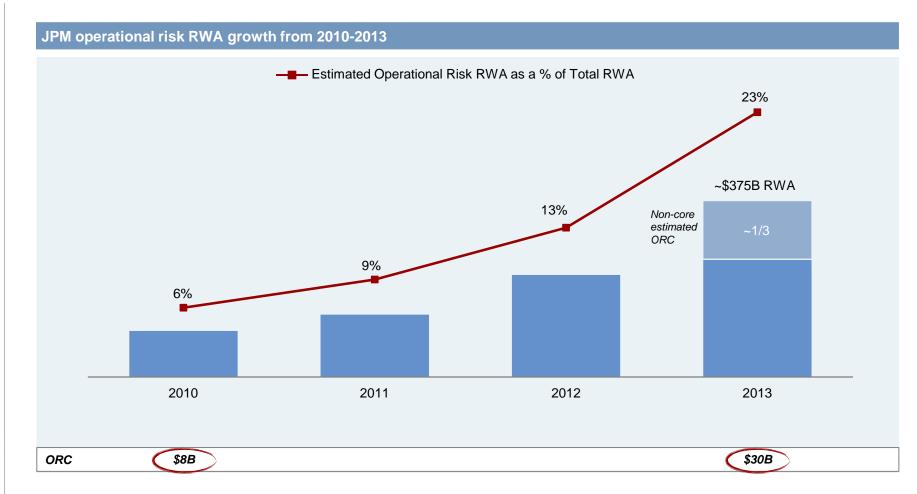
³ Assumes 12% cost of equity based on the 5-year historical average using CAPM and \$1,591B Basel III RWA as of December 31, 2013

⁴ Assumes 50% overhead ratio and 38% tax rate

NEW FINANCIAL ARCHITECTURE

Operational Risk Capital ("ORC") Overview

New financial architecture

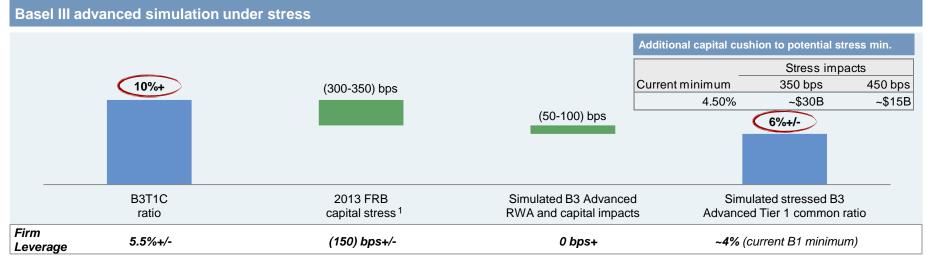


Large losses have a long-term impact on capital – not reflecting current risk exposure

JPMORGAN CHASE & CO.

Capital simulations

New financial architecture



Note: Minimum requirements for CCAR may evolve over time

Baseline Basel III advanced simulation – after dividends, before share repurchases (\$B)

	2013	2014	2015
Analysts estimated net income ²		~\$23	~\$24
RWA, beginning	\$1,650	\$1,591	\$1,550
Models and run-off, net of growth	(59)		A projected vn ~\$150B (50)
RWA, at year-end	\$1,591	C4 EEN	2012 incl. ct of ORC \$1,500
Pre-share repurchase B3T1C (%) ³	9.5%	≥10.5%	≥11.5%
Cumulative excess capital at 10% B3T1C		>\$10	~\$30

Note: Totals may not sum due to rounding

1 ~300 bps FRB capital impact excludes ~110 bps impact of Basel 2.5 market risk rule, effective 1Q13, and ~50 bps impact of projected repurchases

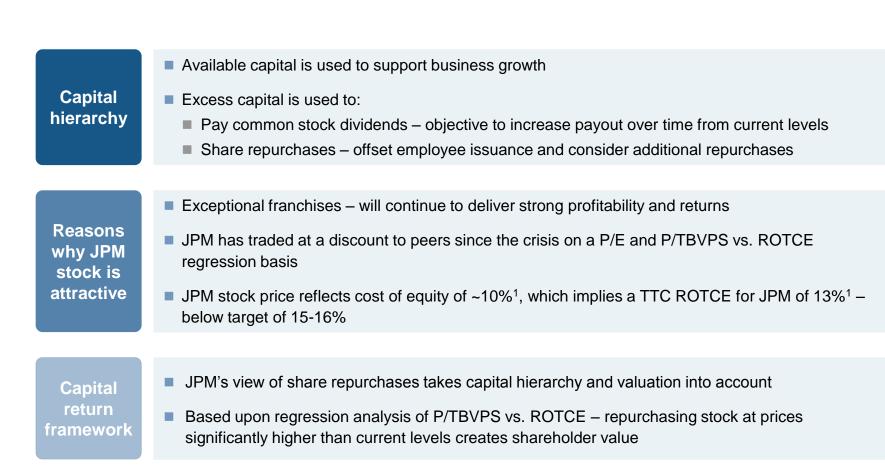
² Reflects Bloomberg average of analysts' estimates for net income of \$23.1B in 2014 and \$24.2B in 2015 as of 2/19/14

³ Includes net income after common stock and existing preferred dividends, AOCI and employee issuance

Capital targets withstand stress scenarios and should allow for excess capital to be used or returned

ш

We believe our stock price is attractive – even significantly above current valuation *New financial architecture*



Source: SNL Financial, FactSet, Alacra

¹ Cost of equity based on most recent one-month average using Capital Asset Pricing Model (GEM3 historical beta used). TTC ROTCE based on Gordon Growth Model

Common equity allocation and performance targets

New financial architecture

Common equity and performance targets (\$B)

	Retained c	Retained common equity			
	2013 Investor Day	2014 Investor Day	Pro forma 2013 ROE ¹	TTC ROE target	Basel III Tier 1 Common
Total Consumer & Community Banking	\$46.0	\$51.0 ²	21%	20%+	9.5%
Consumer & Business Banking	11.0	10.9	26%	30%+	9.5%
Mortgage Banking	19.5	18.0	17%	15%+/- ³	9.5%
Card Services	12.4	15.4	28%	20%+/-	9.5%
Auto & Student	3.1	3.7	15%	16%+/- ⁴	9.5%
Corporate & Investment Bank	56.5	61.0	16% ⁵	15%+/-	10.5%
Commercial Banking	13.5	14.0	18%	18%+/-	9.5%
Asset Management ⁶	9.0	9.0	23%	25%+	9.5%
Total LOBs	\$125.0	\$135.0		18%+/- ⁷	
Corporate	28.0	25.7		A	
Total Firm (ex. Corporate Goodwill ⁸)	\$153.0	~\$161 at 10%		(15-16% ⁹)	10%+
Memo: Corporate Goodwill ⁸	\$42.0	\$42.0			

Corporate detail as of 1/1/2014 (\$B)

	Retained common equity		
	2013	2014	Corporate net income ~0+/- with legal
	Investor Day at	Investor Day at	expense offsetting return on Corporate assets
	9.5%	10%	Comments
Legacy Portfolio & Model Enhancements	\$19.1	\$12.4	Accelerated benefits of short-term legacy portfolios and model enhancements
Private Equity/Other Corporate	8.9	13.2	Includes PE, retained operational risk capital, real estate, BOLI/COLI, DTA, and pension
Total Corporate	\$28.0	\$25.7	

Note: Totals may not sum due to rounding

¹ Reflects 2013 net income divided by 2014 retained common equity

² Includes \$3B of legacy mortgage servicing operational risk capital held at CCB level

³ TTC Mortgage Banking ROE excludes liquidating portfolios

⁴ TTC Auto & Student ROE excludes liquidating student lending portfolio

⁵ Excludes FVA/DVA; CIB's pro forma ROE using reported net income was 14%; see note 5 on slide 49

⁶ AM pretax margin target at 30-35% TTC; see note 6 on slide 49

⁷ Cost of preferred embedded in LOB targets

⁸Total Firm goodwill of \$48B

9 Total Firm ROTCE

ARCHITECTURE

FINANCIAL

 \geq

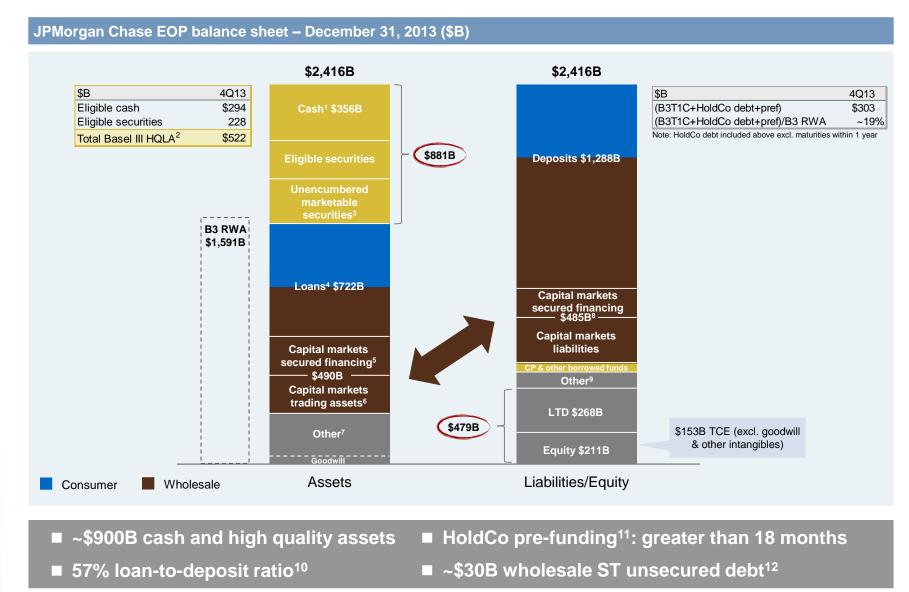
ш Z

Agenda

	Section
JPMorgan Chase overview	1
New financial architecture	6
Balance sheet/NII and credit update	15
Expense, investments and outlook	21
Appendix – investor topics	27
Appendix – other	32

JPMorgan Chase fortress balance sheet

Balance sheet/NII and credit update



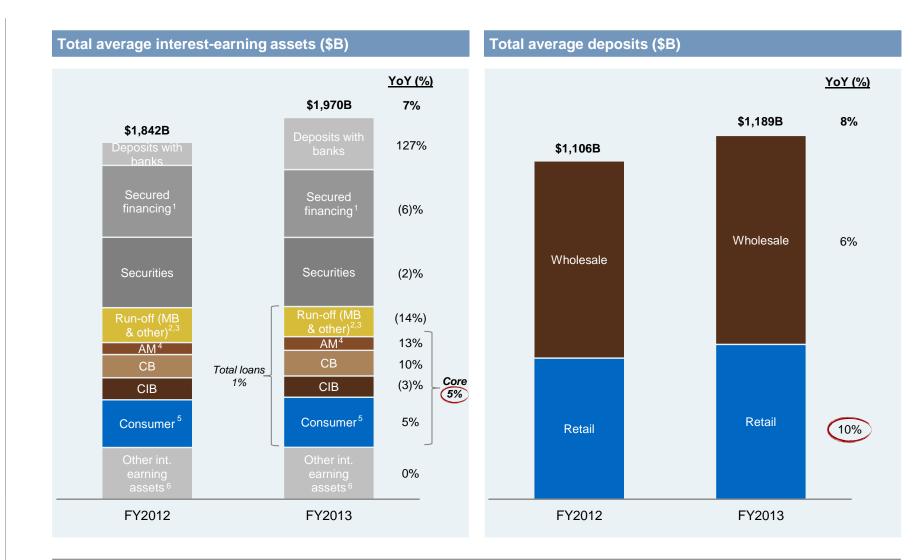
Note: Totals may not sum due to rounding; for footnoted information, refer to slide 44

ш

UPDAT

Interest-earning assets and deposit growth

Balance sheet/NII and credit update



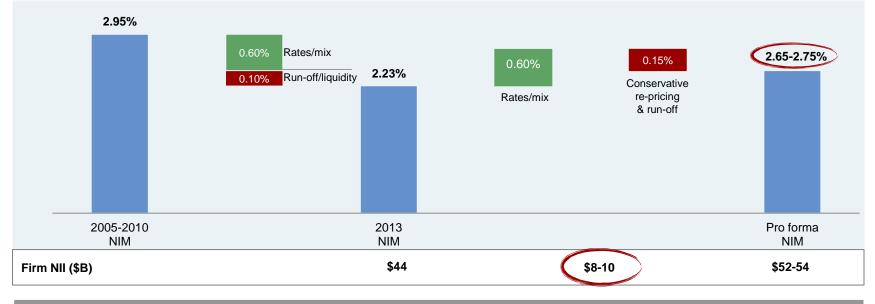
Expect core loan growth of 5%+/- in 2014⁷

Note: For footnoted information, refer to slide 45

Illustrative earnings power of the balance sheet - NII

Balance sheet/NII and credit update

EaR - potential NII increase Commentary +100The average Firm NIM from 2005-2010 was 2.95% 2013 NIM was 2.23% due to prolonged low rates, legacy loan run-off and liquidity \mathbf{T} \$2.5B ∆ in short-term rates (bps) requirements Firm NIM over the next rate cycle could be ~2.65%-2.75% 2013 10-K (Annual Report) Expect that normalization of rates and balance sheet mix will increase NIM ~60 bps+/-12-month pretax core NII sensitivity profile Largely driven by front-end rates as the Fed tightens Expect increased competition for deposits and loan run-off will further decrease \$0.4B expected NIM (15 bps+/-) Δ in long-term rates (bps) \rightarrow +100 Firm NIM simulation



Expect core NIM and NII to be relatively stable over the next two years Most significant upside will occur when front-end rates increase

18

Note: Managed basis

JPMORGAN CHASE & CO.

ш

Credit quality trends

Balance sheet/NII and credit update



Strong coverage and reserve position

- The Firm's net charge-offs and nonperforming loans are down 84%⁸ and 52%⁸, respectively, from peak levels
- MB NCI reserve of \$2.6B as of 2013; expect to reduce to \$1.5B+/- by YE 2015
- MB PCI reserve of \$4.2B as of 2013
- Card reserve of \$3.8B as of 2013

Expect an incremental \$1B+/- in releases over next two years⁹ – majority in 2014 Expect \$200mm+/- release for each MB and Card in 1Q14

Net charge-off trends and estimates

Balance sheet/NII and credit update

Through-the-cyc	e (TTC) net charge-off estimates			
		2013 NCO rate (%)	4Q13 NCO rates (%) N	TTC ICO rate (%)
	MB ¹	0.96% ²	0.57% ²	0.25%+/- ³
ССВ	Card ⁴	3.14	2.86	3.75+/-
CCD	Auto	0.31	0.39	0.75
	Business Banking ⁵	0.92	1.11	1.00
СІВ	CIB excl. trade and conduits	(0.16)	(0.09)	1.00
CID	Trade and conduits	(0.01)	0.03	0.05
СВ	СВ	0.03	0.07	0.50
AM	Lending	0.06	0.02	0.15
	Mortgage ⁶	0.03	0.04	0.05
Note: For footnoted inform	ation, refer to slide 47	~\$6B NCOs		~\$7B NCOs

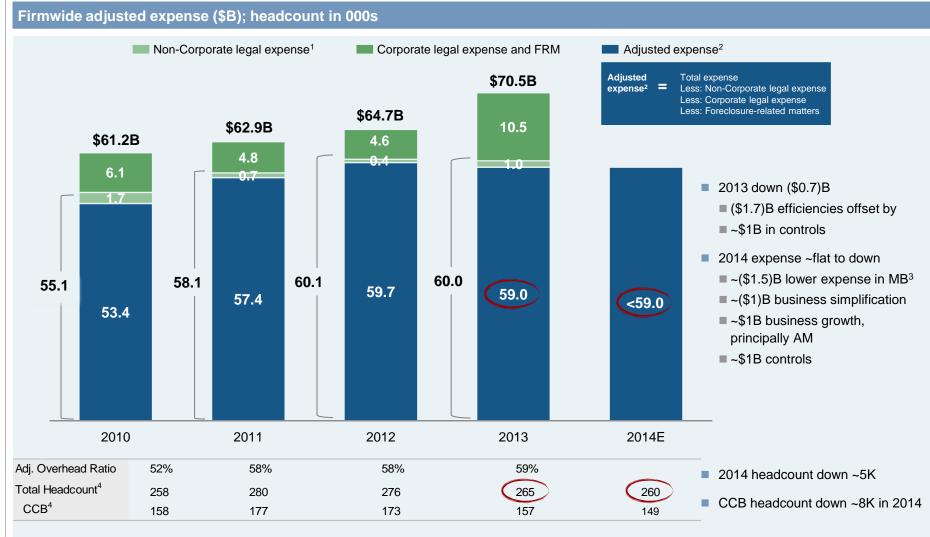
Expect NCO rates in Card, CIB and CB to remain low in 2014 and 2015 Expect firmwide NCOs of \$5B+/- in 2014 and <\$5B in 2015

Agenda

	Page
JPMorgan Chase overview	1
New financial architecture	6
Balance sheet/NII and credit update	15
Expense, investments and outlook	21
Appendix – investor topics	27
Appendix – other	32

Firmwide expense targets – strong expense discipline

Expense, investments and outlook



¹ Excludes FRM

² Adjusted expense newly defined as total expense, excluding total legal expense and FRM; former definition of adjusted expense only excluded Corporate legal expense and FRM

22

³ MB expense reduction excludes the impact of \$0.4B legal expense and \$0.3B FRM in 2013

⁴ Includes employees and contractors; 2013 headcount adjusted for ~1,250 reduction effective January 1, 2014

JPMORGAN CHASE & CO.

Business simplification

Expense, investments and outlook

Exiting products non-core to our customers or with outsized	Discontinuing certain business with select clients:
	C C
operational risk – for example:	Lending to check cashing businesses
One Equity Partners	Transaction services for ~500 Correspondent Banking
Physical commodities	clients
Global Special Opportunities Group (GSOG)	Checking accounts for certain foreign domiciled clients
Student lending originations	Checking accounts for foreign Politically Exposed
Canadian Money Orders	Persons
Co-branded business debit cards and gift cards	
Rationalization of products in Mortgage Banking ¹	
Identity theft protection	
Credit insurance	

Financial impact of business simplification (\$B)				
	2014 impact	Run-rate impact		
Revenue	\$1.5	\$2.8		
Expense	(0.9)	(2.3)		
Pre-tax income	0.6	Expense reductions lag revenue 0.4		
Net income	\$0.3	reductions \$0.3		

¹ Not included in the analysis – already captured in normalization of Mortgage Banking in the simulation on slide 25

Overview of select investments

Expense, investments and outlook

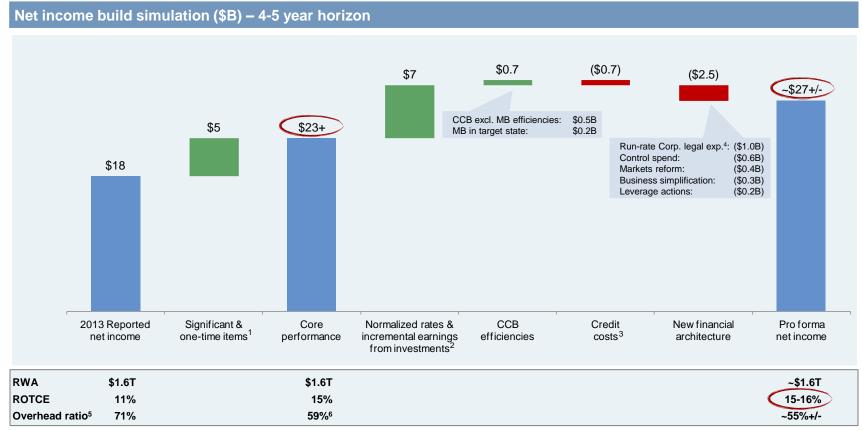
ОВ	Investment	Status	Comments	Target annua net incom
	Branch builds	\checkmark	 Portfolio of branches opened from 2002-2012 Average branch contributes \$1mm+ to pretax income when mature 4-year+/- break-even and 7-year+/- payback for 2002-2012 portfolio 	>\$60
ССВ	Business Banking	\checkmark	 Expansion market branches fully staffed Approaching core market productivity levels 	600+
	Chase Private Client	~	 Added 2,100+ CPC locations since beginning of 2011 22K clients as of 2011; 100K+ clients as of 2012; 215K+ clients as of 2013 \$14B net new money in 2013 	600+
	OTC Clearing & Collateral Management	In progress	 OTC Clearing has delivered a global platform and top 3 market share Timing of steady state dependent on implementation of final EMEA & APAC rules 	
CIB			 Build out international platform to facilitate clients' regional strategies Successful launch of international PB in EMEA in 2011; Asia launch in 2014 	175+
Сів	Global Corporate Bank	\checkmark	 Committed to meeting needs of international clients ~200 bankers hired since 2009 	600+
	Equities electronic trading	\checkmark	 Focused on building best-in-class electronic trading capabilities Grew low-touch equities revenue at 21% CAGR since 2010 	100+
СВ	Middle Market expansion ¹	Ongoing	 Expand CB coverage into new markets New cities added in 2013 include Tacoma and Jacksonville Continue to add ~200 clients per year 	450+
AM	Private Bankers/ IM sales expansion IM business initiatives	Ongoing	 Hired ~700 PB client advisors and ~300 IM sales people since beginning of 2010 Expansion investments contributed net income of ~\$100mm in 2013 	800+

Expect \$3.5B+/- of net income in 2017 run-rate

JPMORGAN CHASE & \overline{CO} .

Earnings power - simulation

Expense, investments and outlook



Note: Numbers may not sum due to rounding for illustrative purposes. Figures are tax effected at an incremental tax rate of 38%, where applicable

¹ Includes 2013 disclosed significant items. See note 2 on slide 48

² Represents estimated NII benefit from normalized rates (includes incremental charge-offs to support loan growth; overlap with investments and MB has been removed)

³ Increase in NCOs due to normalized through-the-cycle rates and assumes no release

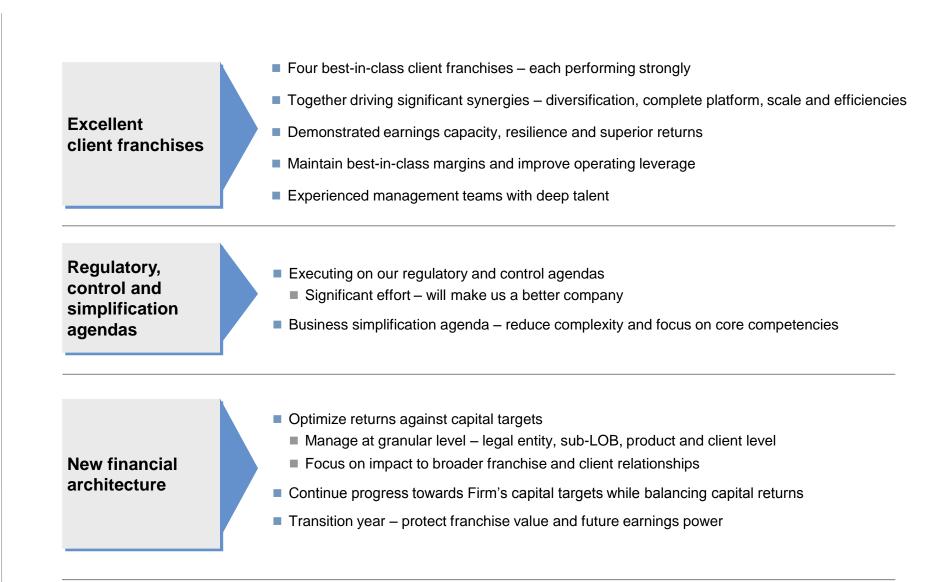
⁴ Simulation includes assumed total pretax legal expense of \$2B. Amount is for illustrative purposes only, and is not intended to be forward-looking guidance. Actual amounts may vary from assumed amount

⁵ Managed basis

⁶ Represents adjusted overhead ratio

Normalized rates combined with flat RWA delivers ROTCE of 15-16% and implied overhead ratio of ~55%+/-

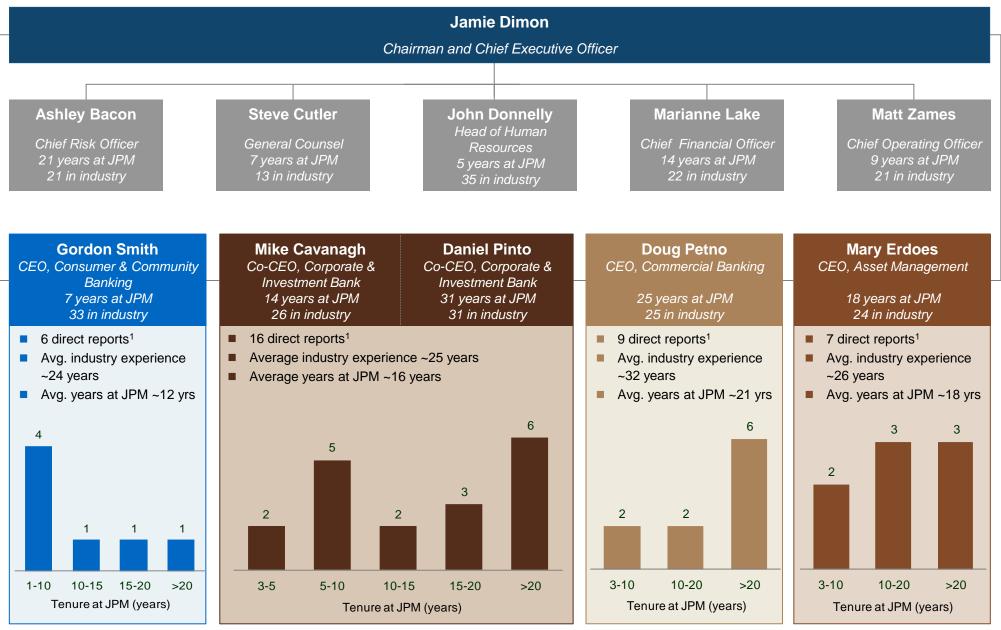
Conclusion



Agenda

		Page
JPMorgan Ch	ase overview	1
New financial	architecture	6
Balance shee	t/NII and credit update	15
Expense, inve	estments and outlook	21
Appendix – i	nvestor topics	27
Appendix – of	her	32

JPMORGAN CHASE & CO.



Attrition rates among best in industry – <4% over last year for Managing Directors/Senior Vice Presidents

Note: Years shown inside of boxes indicate tenure at JPM and years of industry experience; not all direct reports to Jamie Dimon are shown ¹ Direct reports include business heads only

Benefits of universal banking model continue to grow

Appendix – investor topics

	2012	2013	
	~\$14B ¹	~\$15B ¹	Select revenue cross-sell examples (2013 data)
	CIB ~\$5.2B ¹	CIB ~\$5.5B ¹	 CB and CIB cross-sell: ~\$4.1B ~\$2.4B: TS revenue reported in CB (>80% of CB clients use TS products) ~\$1.7B: gross IB revenue from CB clients (29% of NA IB fees²) AM and CIB cross-sell: ~\$1.1B
cross-sell	CB ~\$5.0B ¹	CB ~\$5.1B ¹	 AM is an important client of CIB's global custody and fund services The Private Bank (PB) is a key distribution channel for CIB equity offerings Referrals between CIB and PB result in incremental IB transactions/PB clients
LOB cro	AM ~\$2.1B ¹	AM ~\$2.4B ¹	 AM and CCB cross-sell: ~\$0.7B – JPM IM products sold through branches (incl. CPC); leveraging PB platform to offer managed product solutions to CPC clients AM and CB cross-sell: ~\$0.5B – Sale of IM products to CB clients
	CCB ~\$1.2B ¹	CCB ~\$1.4B ¹	 CB and CCB cross-sell: ~\$0.4B – Card Services revenue from CB clients; ~55% of CB clients visit a branch quarterly CIB and CCB cross-sell: ~\$0.3B – Includes \$0.2B of TS products sold through CBB clients
S	CIB ~\$2.6B	CIB ~\$2.8B	 ~\$2.3B: Global Corporate Bank incremental revenue between 2009 and 2013 ~\$0.4B: Gross FX revenue generated by TSS clients
Synergies	AM ~\$1.1B	AM ~\$1.1B	~\$1.1B: IM products sold through the PB
Ó.	CCB ~\$3.9B	CCB ~\$3.7B	 ~\$1.6B: Credit cards sold through branches ~\$0.1B: Bus. Banking referrals to Paymentech ~\$0.3B: Products sold to Card customers ~\$1.6B: Mortgage originations through branches
Costs	~\$3B	~\$3B	 Primarily procurement, also includes technology, operations and other

Other network benefits – branding, funding and earnings diversification

Note: Totals may not sum due to rounding

¹ Cross-sell revenue counted in both LOBs generating the revenue in partnership and therefore must be divided by 2 as they are totaled into the \$14B for 2012 and \$15B for 2013 ² Calculated based on gross domestic IB fees for SLF, M&A, Equity Underwriting and Bond Underwriting

JPM efficiency versus best-in-class peers

Appendix – investor topics

JPMorgan Chase		Best-in-class			
	JPM overhead ratio	Best-in-class peer ¹ overhead ratios weighted by JPM revenue mix	Peer overhead ratios ¹		
ССВ	60%	54% WFC & AXP	Avg: 65% 86% 57% 50% 56% 75% WFC AXP ² BAC USB PNC		
CIB	60% ³ (excl. FVA/DVA)	67% GS (excl. FVA/DVA) & STT	Avg: 73% 89% 65% 73% 74% 82% 71% GS STT C DB MS CS BK		
СВ	37%	37% Avg. of PNC & USB	Avg: 46% 54% 56% 36% 39% 51% 33% 50% 50% PNC USB WFC STI CMA FITB KEY		
АМ	71%	70% UBS WM & BLK	Avg: 69% 77% 62% 53% 65% 69% 74% 73% 79% 79% UBS BLK TROW Allianz ⁴ NTRS ⁴ BX CS BAC WFC MS		
Overhead ratio (excl. FVA/DVA)	69% ³	69% ⁵			

Note: JPM data presented on a managed basis; JPM and peer data represent full-year 2013 data, except where noted; all data for CIB and peer banking businesses is excl. FVA/DVA

¹ Peer data reflects JPM equivalent business segment results with the exception of Goldman Sachs, T. Rowe Price, Blackrock and Blackstone

² For American Express U.S. Card Services (USCS), estimated rewards expense is removed from expenses and netted against revenue, consistent with industry practice

³ See note 5 on slide 49

⁴ Allianz Asset Management and Northern Trust Personal Financial Services results as of 3Q13

⁵ Best-in-class overhead ratio represents Wells Fargo Community Banking, American Express USCS, Goldman Sachs, State Street Investment Servicing, US Bancorp Wholesale Banking and CRE, PNC Corporate & Institutional Banking, UBS International Wealth Management and Wealth Management Americas and Blackrock weighted based on JPM's revenue mix

S

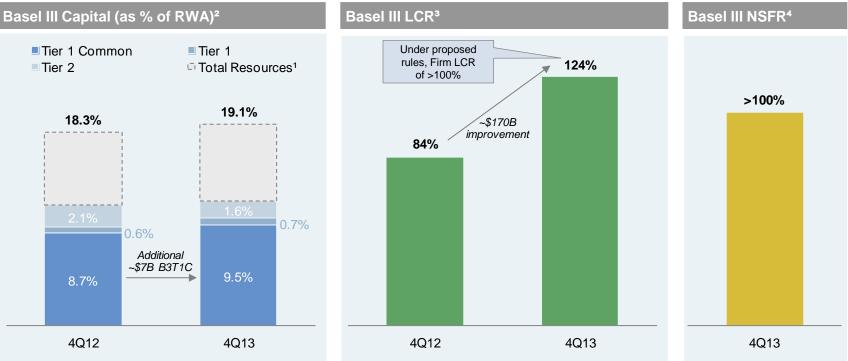
Basel III capital and liquidity - JPM well positioned

Appendix – investor topics

Commentary

- 4Q13 estimated 9.5% Basel III Tier 1 Common Ratio
- Firm continues to maintain Available Resources¹ in anticipation of Orderly Liquidation Authority ("OLA") requirements
- Based on our understanding of current definitions, Firm is compliant with both LCR and NSFR requirements
- HoldCo pre-funding: greater than 18 months

Estimated capital and liquidity metrics



Higher capital and increased liquidity are key foundations of JPM's fortress balance sheet

¹ Include Basel III Tier 1 common equity, preferred and trust preferred securities, as well as holding company unsecured long-term debt with maturities greater than 1 year ² Using Advanced Approach method

³ 4Q12 LCR calculation based on old Basel III rules. 4Q13 LCR calculation based on new Basel III rules published in January 2013

⁴ Based on the Firm's current understanding of the proposed rules

ഗ

PO

Agenda

Appendix – other

	Page
JPMorgan Chase overview	1
New financial architecture	6
Balance sheet/NII and credit update	15
Expense, investments and outlook	21
Appendix – investor topics	27

FIRM OVERVIEW

32

Managed financial results¹

Firmwide results (\$mm)			
	2011	2012	2013
Revenue (FTE) ¹	\$99,767	\$99,890	\$99,798
Credit costs ¹	7,574	3,385	225
Expense	62,911	64,729	70,467
Reported net income	\$18,976	\$21,284	\$17,923
Reported EPS	\$4.48	\$5.20	\$4.35
ROE	11%	11%	9%
ROTCE ²	15	15	11

Net income by lines of business (\$mm)		
	2011	2012	2013
Consumer & Community Banking	\$6,105	\$10,551	\$10,749
Corporate & Investment Banking	7,993	8,406	8,546
Commercial Banking	2,367	2,646	2,575
Asset Management	1,592	1,703	2,031
Corporate/Private Equity	919	(2,022)	(5,978)
Total Firm net income	\$18,976	\$21,284	\$17,923

¹ See note 1on slide 48 ² See note 4 on slide 49

Consumer & Community Banking¹

¢			
\$mm			
	2011	2012	2013
Net interest income	\$30,305	\$29,071	\$28,474
Noninterest revenue	15,314	20,813	17,552
Revenue	\$45,619	\$49,884	\$46,026
Expense	27,637	28,827	27,842
Credit costs	7,620	3,774	335
Net income	\$6,105	\$10,551	\$10,749
Key drivers/statistics (\$B)			
EOP Equity	\$41.0	\$43.0	\$46.0
ROE	15%	25%	23
Overhead ratio	61	58	60
Average loans	\$447.2	\$426.6	\$408.6
Average deposits	382.7	413.9	453.3
Client investment assets (EOP)	137.9	158.5	188.8
Number of branches	5,508	5,614	5,630
Active mobile customers (000's)	8,203	12,359	15,629

¹ See note 1 on slide 48

Consumer & Community Banking

Consumer & Business Banking

\$mm			
	2011	2012	2013
Net interest income	\$10,732	\$10,594	\$10,566
Noninterest revenue	7,218	6,557	6,744
Revenue	\$17,950	\$17,151	\$17,310
Expense	11,336	11,490	12,162
Credit costs	419	311	347
Net income	\$3,699	\$3,203	\$2,881
Key drivers/statistics (\$B)			
EOP Equity	\$9.5	\$9.0	\$11.0
ROE	39%	36%	26%
Average total deposits	\$360.8	\$392.1	\$434.6
Deposit margin	2.82%	2.57%	2.32%
Accounts ¹ (mm)	26.6	28.1	29.4
Business Banking loan originations	\$5.8	\$6.5	\$5.1
Business Banking loan balances (Avg)	17.1	18.1	18.7
Investment sales	22.7	26.0	35.1
Client investment assets (EOP)	137.9	158.5	188.8

¹ Includes checking accounts and Chase Liquid® cards beginning in the 2nd quarter of 2012

² Per compete.com as of December 2013

³Based on number of loans for SBA fiscal year 2013 (as of September 2013)

Leadership positions

- #1 in customer satisfaction among large banks in ACSI survey
- #1 ATM network
- #2 in branches
- #1 most visited banking portal Chase.com²
- #1 SBA lender³
- Leading investment sales force with over 3,000 client advisors, \$180B+ client investment assets and 2,149 Chase Private Client locations

Consumer & Community Banking

Mortgage Banking

\$mm

	2011	2012	2013
Mortgage Production	-		
Production-related revenue, excl. repurchase losses	\$4,235	\$6,570	\$3,582
Production expense ¹	1,895	2,747	3,088
Income, excl. repurchase losses	\$2,340	\$3,823	\$494
Repurchase losses	(1,347)	(272)	331
Income/(loss) before income tax expense/(benefit)	\$993	\$3,551	\$825
Mortgage Servicing			
Net servicing-related revenue	\$2,620	\$2,957	\$2,869
Default servicing expense	3,814	3,707	2,069
Core servicing expense	1,031	1,033	904
Servicing expense	\$4,845	\$4,740	\$2,973
Income/(loss), excl. MSR risk management	(2,225)	(1,783)	(104)
MSR risk management	(1,572)	616	(268)
Income/(loss) before income tax expense/(benefit)	(\$3,797)	(\$1,167)	(\$372)
Real Estate Portfolios			
Revenue	\$4,592	\$4,092	\$3,512
Expense	1,521	1,653	1,553
Net charge-offs ²	3,805	3,341	1,107
Change in allowance ²	(230)	(3,850)	(3,800)
Credit costs	3,575	(509)	(2,693)
Income/(loss) before income tax expense/(benefit)	(\$504)	\$2,948	\$4,652
Mortgage Banking net income/(loss)	(\$2,138)	\$3,341	\$3,082
Key drivers/statistics (\$B) ³			
EOP Equity	\$15.5	\$17.5	\$19.5
ROE	(14)%	19%	16%
Mortgage originations	\$145.6	\$180.8	\$165.5
EOP third-party mortgage loans serviced	902.2	859.4	815.5
EOP NCI owned portfolio ³	132.5	117.6	115.0
ALL/EOP loans ^{3,4}	6.58%	4.14%	2.23%
	212270		

¹ Includes the provision for credit losses associated with Mortgage Production

² Excludes PCI write-offs of \$53 million in 2013

³ Real Estate Portfolios only

Net charge-off rate^{2,3,4}

⁴ Excludes the impact of purchased credit-impaired loans acquired as part of the WaMu transaction. The allowance for loan losses was \$4.2B, \$5.7B and \$5.7B for these loans at the end of 2013, 2012 and 2011, respectively

2.70

2.68

⁵ Origination & Servicer rankings as of 4Q13 Inside Mortgage Finance, Retail Originations as of 3Q13 Inside Mortgage Finance

Leadership positions

- #2 mortgage originator⁵
- #3 retail mortgage originator⁵
- #2 mortgage servicer⁵
- We are working to help homeowners and prevent foreclosures; offered over 1.5mm mortgage modifications and completed ~725K since 2009

0.96

Consumer & Community Banking

Card, Merchant Services & Auto

\$mm			
	2011	2012	2013
Revenue	\$19,141	\$18,770	\$18,690
Expense	8,045	8,216	8,078
Net charge-offs ¹	7,511	5,509	4,370
Change in allowance	(3,890)	(1,556)	(1,701)
Credit costs	\$3,621	\$3,953	\$2,669
Net income	\$4,544	\$4,007	\$4,786
EOP Equity	16,000	16,500	15,500
ROE	28%	24%	31%

Card Services – Key drivers/statistics (\$B)

,	(+-)		
Average loans	\$128.2	\$125.5	\$123.6
Sales volume ²	343.7	381.1	419.5
Net revenue rate	12.35%	12.35%	12.49%
Net charge-off rate	5.44	3.95	3.14
30+ Day delinquency rate	2.81	2.10	1.67
# of accounts with sales activity $(mm)^2$	30.7	30.6	32.3
% of accounts acquired online ²	32%	51%	55%
Merchant Services – Key drivers (\$B)			
Merchant processing volume	\$553.7	\$655.2	\$750.1
# of total transactions	24.4	29.5	35.6
Auto – Key drivers (\$B)			
Average loans	\$47.0	\$48.4	\$50.7
Originations	21.0	23.4	26.1

¹ Net charge-offs and the net charge-off rate for full year 2012 included \$53 million of charge-offs of Chapter 7 loans

² Excludes Commercial Card

³ Based on disclosures by peers and internal estimates as of 4Q13

⁴Based on Visa data as of 4Q13

⁵ Based on Nilson report ranking of largest merchant acquirers for 2012

⁶ As of December 31, 2013 data per Autocount

Leadership positions

- #1 credit card issuer in the U.S. based on loans outstanding³
- #1 Global Visa issuer based on consumer and business credit card sales volume⁴
- #1 U.S. co-brand credit card issuer³
- #2 wholly-owned merchant acquirer⁵
- #3 non-captive auto lender⁶

Ľ

Corporate & Investment Bank¹

\$mm

	2011	2012	2013
Corporate & Investment Bank revenue	\$33,984	\$34,326	\$34,225
Investment banking fees	5,859	5,769	6,331
Treasury services	3,841	4,249	4,135
Lending ²	1,054	1,331	1,595
Total Banking	10,754	11,349	12,061
Fixed income markets	14,784	15,412	15,468
Equity markets	4,476	4,406	4,758
Securities services	3,861	4,000	4,082
Credit Adjustments & Other ³	109	(841)	(2,144)
Total Markets & Investor Services	23,230	22,977	22,164
Credit costs	(285)	(479)	(232)
Expense	21,979	21,850	21,744
Net income	\$7,993	\$8,406	\$8,546
Key statistics (\$B) ⁴			
EOP equity	\$47.0	\$47.5	\$56.5
ROE⁵	17%	18%	15%
Overhead ratio ⁶	65	64	64
Comp/revenue ⁷	34	33	32
EOP loans	\$114	\$115	\$108

0.18

\$76

(0.26)

\$96

(0.07)

\$47

\$114 \$115 \$108 318.8 355.8 383.7 Average client deposits 20.5 16.9 18.8 Assets under custody (\$T) 3.06% 2.52% 2.02% ALL/EOP loans ex-conduits and trade⁸

1 See notes 1 and 5 on slides 48 and 49, respectively

² Lending revenue includes net interest income, fees, gains or losses on loan sale activity, gains or losses on securities received as part of a loan restructuring, and the risk management results related to the credit portfolio (excluding trade finance)

³ Credit Adjustments & Other primarily includes net credit portfolio credit valuation adjustments ("CVA") and associated hedging activities; debit valuation adjustments ("DVA") on structured notes and derivative liabilities; funding valuation adjustments ("FVA") on OTC derivatives and structured notes; and nonperforming derivative receivable results

⁴ Actual numbers for all periods, not over/under

Net charge-off/(recovery) rate

Average VaR (\$mm)

⁵ Return on equity excluding both FVA (effective 4Q13) and DVA, a non-GAAP financial measure, was 17%, 19% and 15% for FY2013, FY2012 and FY2011, respectively

⁶ Overhead ratio excluding FVA (effective 4Q13) and DVA, a non-GAAP financial measure, was 60%, 62% and 68% for FY2013, FY2012 and FY2011 respectively

⁷ Compensation expense as a percentage of total net revenue excluding both FVA (effective 4Q13) and DVA, a non-GAAP financial measure, was 30%, 32% and 36% for FY2013, FY2012 and FY2011, respectively 38

8 ALL/EOP Loans as reported was 1.15%, 1.19% and 1.35% for FY2013, FY2012 and FY2011, respectively

9 Represents FY2013 rank of JPM Fixed Income Markets revenue of 10 leading competitors (which have released FY2013 as of 2/18/14; HSBC TTM 3013 basis)

Leadership positions

Corporate & Investment Bank

- 48% of revenue is international for FY2013
- International deposits increased 46% from FY2010 driven by growth across regions
- International loans up 32% from FY2010

Banking

- Improved ranking to #2 in Global Equity and Equityrelated
- #1 in combined Fedwire and CHIPS volume
- FY2013 total international electronic funds transfer volume up 40% from FY2010

Markets & Investor Services

- #1 Fixed income markets revenue share of top 10 investment banks9
- International AUC up 46% from FY2010; represents 45% of FY2013 total AUC
- JPM ranked #1 for FY2013, FY2012, FY2011 and FY2010 for both All-America Fixed Income Research and Equity Research

JPMORGAN CHASE & CO.

Commercial Banking¹

\$mm			
	2011	2012	2013
Revenue	\$6,418	\$6,825	\$6,973
Middle Market	2,803	2,971	3,019
Corp. Client Banking	1,603	1,819	1,824
Comm. Term Lending	1,168	1,194	1,215
Real Estate	416	438	549
Other	428	403	366
Expense	2,278	2,389	2,610
Credit Costs	208	41	85
Net Income	\$2,367	\$2,646	\$2,575
Key statistics (\$B)			
Avg Loans	\$104.2	\$120.1	\$132.0
EOP Loans	112.0	128.2	137.1
Avg client deposits ²	174.7	195.9	198.4
Investment banking revenue, gross ³ (\$mm)	1,421	1,597	1,676
Allowance for loan losses	2.6	2.6	2.7
Nonaccrual loans	1.1	0.7	0.5
Net charge-off rate ⁴	0.18%	0.03%	0.03%
ALL/loans ⁴	2.34%	2.06%	1.97%
ROE⁵	30%	28%	19%
Overhead ratio	35%	35%	37%
EOP equity	\$8.0	\$9.5	\$13.5

Leadership positions

- Lowest net charge-off ratio in peer group⁶
- #1 traditional Middle Market syndicated lender in the U.S.⁷
- #1 multifamily lender in the U.S.⁸

¹ See note 1 on slide 48 ² Includes deposits, as well as deposits that are swept to on-balance sheet liabilities (e.g., commercial paper, federal funds purchased and securities ³ Represents the total revenue related to investment banking products sold to CB clients ⁴ Loans held-for-sale and loans at fair value were excluded when calculating the loan loss coverage ratio and net charge-off rate

Ľ

Ш

ЬO

1

APPENDIX

⁵ Calculated based on average equity ⁶ Based on average net charge-off ratio from 2006-2013 for CB-equivalent segments or wholesale portfolios at BAC, CMA, FITB, PNC, STI, USB, WFC and KEY

⁷ Thomson Reuters FY2013. Traditional Middle Market is defined as credit facilities of <\$100mm from clients with <\$500mm in revenue

loaned or sold under repurchase agreements) as part of client cash management programs

8 SNL Financial based on FDIC data as of 3Q13

Asset Management¹

\$mm			
	2011	2012	2013
Revenue	\$9,543	\$9,946	\$11,320
Private Banking	5,116	5,426	6,020
Institutional	2,273	2,386	2,536
Retail	2,154	2,134	2,764
Credit Costs	\$67	\$86	\$65
Expense	7,002	7,104	8,016
Net Income	\$1,592	\$1,703	\$2,031

Key statistics (\$B)			
EOP Equity	\$6.5	\$7.0	\$9.0
ROE ²	25%	24%	23%
Pretax margin ³	26	28	29
Assets under management	\$1,336	\$1,426	\$1,598
Client assets	1,921	2,095	2,343
Average loans	50.3	68.7	86.1
EOP loans	57.6	80.2	95.4
Average deposits	106.4	129.2	139.7

 ¹ See note 1 on slide 48

 ² Calculated based on average equity

 ³ See note 6 on slide 49

 ⁴ Source: iMoneyNet, 2013

 ⁵ Source: Lostitutional Investor, 2013

 ⁷ Source: Pensions & Investments, 2013

 ⁸ Source: Absolute Return, 2013

 ⁹ Source: Thategic Insight, 2013

 ¹⁰ Source: Thomson Reuters Extel, 2013

¹¹ Source: The Asset, 2013

Leadership positions

- #1 Institutional Money Market Fund Manager Worldwide⁴
- #1 Ultra-High-Net-Worth Global Private Bank⁵
- #1 U.S. Mid Cap Value Equity Manager of the Year⁶
- #1 U.S. Real Estate Money Manager⁷
- #2 Hedge Fund Manager⁸
- #1 active equity mutual fund flows in the U.S. and globally⁹
- Top European Buyside Firm¹⁰
- Best Asset Management Company for Asia¹¹

JPMORGAN CHASE & CO.

Corporate/Private Equity¹

(\$mm)			
	2011	2012	2013
Private Equity	\$391	\$292	\$285
Treasury and CIO	1,349	(2,093)	(676)
Other Corporate	(821)	(221)	(5,587)
Net income/(loss)	\$919	(\$2,022)	(\$5,978)

¹See note 1 on slide 48

Notes on slide 4 – Maintain excellent client-based franchises

- 1. CAGR 2010-2013 for mortgage originations was 2%
- 2. Represents client deposits and other third-party liabilities
- 3. Represents total CIB trading and Credit Portfolio VaR
- 4. As of FY2012
- 5. By both J.D. Power (April 2013) and the American Customer Satisfaction Index (ACSI) for the second straight year (December 2012 and 2013); Chase ranked #4 by J.D. Power (April 2013) for customer satisfaction in retail banking among large bank peers
- 6. Based on FDIC 2013 Summary of Deposits survey per SNL Financial
- 7. Based on disclosures by peers and internal estimates as of 4Q13; based on loans outstanding
- 8. Dealogic FY2013 wallet rankings for Banking and Coalition 3Q13 YTD rankings for Markets & Investor Services; includes Origination & Advisory, Equities and FICC
- 9. Dealogic for 2013 (vs. 7.5% in 2012)
- 10. Rank of JPM Markets and Fixed Income Markets revenue of 10 leading competitors based on reported information, excluding FVA/DVA
- 11. As of FY2013
- 12. Based on gross IB fees for SLF, M&A, Equity Underwriting and Bond Underwriting as of FY2013

Notes on slide 7 – New financial architecture

Note: LCR – Liquidity Coverage Ratio; NSFR – Net Stable Funding Ratio; B3T1C – Basel III Tier 1 common CCAR – Comprehensive Capital Analysis Review; SLR – Supplementary Leverage Ratio; OLA – Orderly Liquidity Authority; SPOE – Single Point of Entry

- 1. Basel rules finalized. U.S. NPR released October 2013; final rule pending
- 2. Monitor Basel standardized approaches

Notes on slide 16 – JPMorgan Chase fortress balance sheet

- 1. In addition to eligible cash included in High Quality Liquid Assets ("HQLA"), cash balance includes non-operational deposits with third party banks and float (considered inflows under Basel III Liquidity Coverage Ratio ("LCR")), as well as operational cash primarily used for settlement purposes
- 2. HQLA is the estimated amount of assets the Firm believes will qualify for inclusion in the Basel III LCR
- 3. The Firm has approximately \$282 billion of unencumbered marketable securities, such as equity and fixed income securities available to raise liquidity if required
- 4. Net of allowance for loan losses
- 5. Other capital secured financing includes resales, securities borrowed and cash and due from banks from CIB not included in the \$881 billion total cash and unencumbered securities
- 6. Includes CIB trading assets and derivatives receivables
- 7. Includes other assets, other intangible assets, MSR, premises and equipment, accrued interest and accounts receivable and non-CIB trading assets
- 8. Includes trading liabilities, Fed funds purchased and securities loaned or sold under repurchase agreements, VIEs, other borrowed funds and other liabilities all in CIB and derivatives payable
- 9. Includes accounts payable and other liabilities, Fed funds purchased and securities loaned or sold under repurchase agreements and VIEs (excluding CIB)
- 10. Loan-to-deposit ratio is calculated on a gross loans basis
- 11. Number of months of pre-funding: the Firm targets pre-funding of the parent holding company to ensure that both contractual and non-contractual obligations can be met for at least 18 months assuming no access to wholesale funding markets
- 12. Includes wholesale CP funding and a portion of other borrowed funds, which are unsecured

Notes on slide 17 – Interest-earning assets and deposit growth

- 1. Includes federal funds sold and securities purchased under resale agreements and securities borrowed
- 2. MB run-off portfolio includes WaMu purchased credit-impaired, discontinued products, broker originated loans, limited documentation loans, and certain loans with effective combined loan to value ratios greater than 80%
- 3. Other includes Card run-off portfolio, including certain legacy WaMu loans, legacy balance transfer programs and terminated partner portfolios (e.g., Kohl's), and CBB run-off portfolio, including discontinued products
- 4. Includes Wholesale loans originated by AM and other Wholesale loans that are held in Corporate
- 5. Includes CBB, MB and Card, Merchant Services & Auto loans and prime mortgage loans held by AM and Corporate that are classified as Consumer loans (classification is consistent with SEC filings)
- 6. Includes trading assets (debt instruments) and other assets (incl. margin loans)
- 7. Will depend on decisions to retain or sell mortgage loans

Notes on slide 19 – Credit quality trends

- 1. Card, Merchant Services & Auto
- 2012 NPLs are impacted by regulatory guidance issued in the first quarter of 2012 as a result of which the Firm began reporting performing junior liens that are subordinate to nonaccrual senior liens as nonaccrual loans and by regulatory guidance issued in the third quarter of 2012 requiring loans not reaffirmed by the borrower and discharged under Chapter 7 bankruptcy to be reported as nonaccrual loans. For reference, reported NPLs were \$14,841mm, \$9,993mm, \$10,892mm and \$8,540mm for 2010, 2011, 2012 and 2013, respectively
- 3. Represents Real Estate Portfolios ("REP") only; excludes the impact of purchased credit-impaired loans acquired as part of the WaMu transaction
- 4. Excludes a one-time \$632mm adjustment related to the timing of when the Firm recognizes charge-offs on delinquent loans
- 5. Excludes the effect of incremental net charge-offs based on regulatory guidance
- 6. Excludes PCI write-offs of \$53mm
- 7. Represents Credit Card only; excludes loans held-for-sale
- 8. Based on peak levels of NCOs and reported NPLs in 3Q09
- 9. Represents net reduction to reserves

Notes on slide 20 – Net charge-off trends and estimates

- 1. Represents Real Estate Portfolios ("REP") only; excludes the impact of purchased credit-impaired loans acquired as part of the WaMu transaction
- 2. Excludes PCI write-offs of \$53mm
- 3. TTC NCO rate of 0.25%+/- will depend on portfolio mix of mortgage and home equity
- 4. Excludes loans held-for-sale
- 5. CBB reported NCO rate was 1.79% in 2013 and 2.13% in 4Q13, including Business banking and the impact of retail overdraft losses
- 6. Includes mortgages originated in PB but held in CIO

Notes

Notes on non-GAAP financial measures

- 1. In addition to analyzing the Firm's results on a reported basis, management reviews the Firm's results and the results of the lines of business on a "managed" basis, which is a non-GAAP financial measure. The Firm's definition of managed basis starts with the reported U.S. GAAP results and includes certain reclassifications to present total net revenue for the Firm (and each of the business segments) on a fully taxable-equivalent ("FTE") basis. Accordingly, revenue from investments that receive tax credits and tax exempt securities is presented in the managed results on a basis comparable to taxable securities and investments. This non-GAAP financial measure allows management to assess the comparability of revenue arising from both taxable and tax-exempt sources. The corresponding income tax impact related to tax-exempt items is recorded within income tax expense. These adjustments have no impact on net income as reported by the Firm as a whole or by the lines of business.
- 2. The Firm presents revenue, credit costs, expense, net income and earnings per share excluding certain reported significant items. These measures should be viewed in addition to, and not as a substitute for, the Firm's reported results. Management believes this information helps investors understand the effect of these items on reported results and provides an additional presentation of the Firm's performance. The tables below provide a reconciliation of reported results to these non-GAAP measures.

2013	Revenue	Credit costs	Expense	Net income	Reported EPS
Reported	\$99,798	(\$225)	(\$70,467)	\$17,923	\$4.35
Adjustments:					
Gain on sale of Visa shares	(1,310)			(812)	(0.21
Gain on sale of One Chase Manhattan Plaza	(493)			(306)	(0.08
FVA/DVA	1,912			1,221	0.31
Reduced reserves in CCB		(5,500)		(3,409)	(0.86
Firmwide legal expense (a)			847	1,052	0.27
Corporate legal expense (b)			9,720	7,572	1.92
Adjusted	\$99,907	(\$5,725)	(\$59,900)	\$23,241	\$5.70
(a) 4Q13					
(b) 2Q13 and 3Q13					
	_	0	_		
2012	Revenue	Credit costs	Expense	Net income	
2012	Revenue \$99,890	Credit costs (\$3,385)	Expense (\$64,729)	Net income \$21,284	
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related	\$99,890 (1,126)			\$21,284 (687)	\$5.20
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related	\$99,890			\$21,284	\$5.20
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA	\$99,890 (1,126)			\$21,284 (687)	(0.17 0.15
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses	\$99,890 (1,126) 930			\$21,284 (687) 577	(0.17 0.11 0.90
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses CIO securities gains Treasury extinguishment gains on redeemed TruPS	\$99,890 (1,126) 930 5,787			\$21,284 (687) 577 3,588	(0.17 0.15 0.90 (0.16
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses CIO securities gains Treasury extinguishment gains on redeemed TruPS	\$99,890 (1,126) 930 5,787 (1,013)			\$21,284 (687) 577 3,588 (628)	(0.17 0.19 (0.16 (0.16 (0.16
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses CIO securities gains Treasury extinguishment gains on redeemed TruPS Merger-related – Maiden Lane B-Note	\$99,890 (1,126) 930 5,787 (1,013) (888)			\$21,284 (687) 577 3,588 (628) (551)	(0.17 0.14 0.90 (0.16 (0.14 (0.08
2012 Reported Adjustments:	\$99,890 (1,126) 930 5,787 (1,013) (888)	(\$3,385)		\$21,284 (687) 577 3,588 (628) (551) (338)	\$5.20 (0.17 0.19 (0.16 (0.16 (0.14 (0.08 (0.72
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses CIO securities gains Treasury extinguishment gains on redeemed TruPS Merger-related – Maiden Lane B-Note Reduced reserves in CCB Foreclosure-related matters	\$99,890 (1,126) 930 5,787 (1,013) (888)	(\$3,385)	(\$64,729)	\$21,284 (687) 577 3,588 (628) (551) (338) (2,867)	(0.17 0.15 0.90 (0.16 (0.14 (0.14 (0.06 (0.72 0.14
2012 Reported Adjustments: WaMu bankruptcy settlement - Merger-related DVA CIO trading losses CIO securities gains Treasury extinguishment gains on redeemed TruPS Merger-related – Maiden Lane B-Note Reduced reserves in CCB	\$99,890 (1,126) 930 5,787 (1,013) (888)	(\$3,385)	(\$64,729)	\$21,284 (687) 577 3,588 (628) (551) (338) (2,867) 558	0.15 0.90 (0.16 (0.14 (0.08 (0.72 0.14 0.50

JPMORGAN CHASE & CO.

Notes

Notes on non-GAAP financial measures (cont'd)

- 3. Adjusted expense, a non-GAAP financial measure, excludes firmwide legal expense and expense related to foreclosure-related matters ("FRM"). Where indicated, this definition formerly only excluded Corporate legal expense and disclosed FRM. Management believes this information helps investors understand the effect of these items on reported results and provides an alternate presentation of the Firm's performance.
- 4. Tangible common equity ("TCE"), return on tangible common equity ("ROTCE"), tangible book value per share ("TBVPS"), Tier 1 common under Basel I and III rules, Tier 1 capital under Basel III rules, and the supplementary leverage ratio ("SLR") are each non-GAAP financial measures. TCE represents the Firm's common stockholders' equity (i.e., total stockholders' equity less preferred stock) less goodwill and identifiable intangible assets (other than MSRs), net of related deferred tax liabilities. ROTCE measures the Firm's earnings as a percentage of TCE. TBVPS represents the Firm's tangible common equity divided by period-end common shares. Tier 1 common under Basel I and III rules, and Tier 1 capital and the SLR under Basel III rules, are used by management, bank regulators, investors and analysts to assess and monitor the Firm's capital position and liquidity. TCE, ROTCE, and TBVPS are meaningful to the Firm, as well as analysts and investors in assessing the Firm's use of equity. For additional information on Tier 1 common under Basel I and III, and Tier 1 capital and the SLR under Basel III rules, see Regulatory capital on pages 161-165 of JPMorgan Chase & Co.'s Annual Report on Form 10-K for the year ended December 31, 2013. All of the aforementioned measures are useful to the Firm, as well as analysts and investors, in facilitating comparisons of the Firm with competitors.
- 5. CIB provides several non-GAAP financial measures which exclude the impact of FVA (effective Q4 2013) and DVA on: net revenue, net income, overhead ratio, compensation ratio and return on equity. Further, the impact of FVA/DVA is excluded from the calculation of the firmwide overhead ratio. These measures are used by management to assess the underlying performance of the business and for comparability with peers. The ratio for the allowance for loan losses to period-end loans is calculated excluding the impact of trade finance loans and consolidated Firm-administered multi-seller conduits, to provide a more meaningful assessment of CIB's allowance coverage ratio.

Additional notes on financial measures

6. Pretax margin represents income before income tax expense divided by total net revenue, which is, in management's view, a comprehensive measure of pretax performance derived by measuring earnings after all costs are taken into consideration. It is, therefore, another basis that management uses to evaluate the performance of AM against the performance of their respective peers.