

BANK REPORT 2016/2

Covering Analysts: Rolv Kristian Heitmann Financials and Utilities +47 24 16 90 49 rh@dnb.no

Ole Einar Stokstad Head of Credit Research Financials +47 24 16 90 48 ole.einar.stokstad@dnb.no Fixed Income Sales Desk: +47 24 16 90 30 This note is an extract from the full report 'DNB Markets Bank Report 2016/2', including its disclaimer. Plesase see last pages for the disclaimer.



Covering Analysts:

Rolv Kristian Heitmann Financials and Utilities +47 24 16 90 49 rolv.kristian.heitmann@dnb.no

Ole Einar Stokstad Head of Credit Research Financials +47 24 16 90 48 ole.einar.stokstad@dnb.no

Fixed Income Sales Desk +47 24 16 90 30

IMPORTANT

This analysis is protected by the provisions of the Norwegian Copyright Act. The analysis is prepared for distribution to specific customers of DNB Markets.

Copies may not be made from the analysis, neither may the analysis be made available to others in its entirety or in parts without the prior written permission of DNB Markets. © 2016 DNB Markets.

Sparebanken Sør	Sp	are	ban	ken	Sør	
-----------------	----	-----	-----	-----	-----	--

DNB Markets' bank ACS*: a-Senior unsecured ACS4: a-Subordinated Tier 2 ACS⁴ bbb Hybrid Tier 1 ACS⁴: bb+ ACS order: 26 / 120

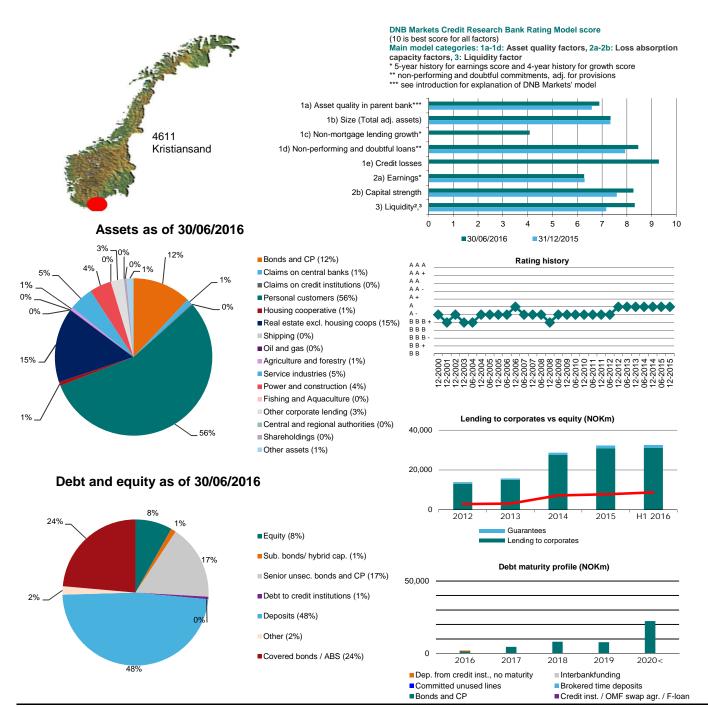
Av. asset balance: 103,976m Av. adj. assets1: 103,976m Offices in Norway/ abr.: 36/ 0 No alliance

	sor.no
Official ra	tings:
Moody's:	#N/A Connection
S&P:	#N/A Connection
Fitch:	#N/A Connection
36% -	84%

Senior unsecured recovery interval given bail-in and depositor preference - see introduction (low - high) : Please note that Sparebanken Sør made a NOK600m equity issue in Q2-16, increasing the CET1 ratio by ~1%-p.

On 1 January 2014, the two savings banks Sparebanken Pluss and Sparebanken Sør merged to form the "new" Sparebanken Sør. The historical figures are from Sparebanken Pluss, which is the continued bank. The "new" Sparebanken Sør is the largest bank in the Agder counties with 432 employees across 36 offices in Vest-Agder, Aust-Agder and Telemark. The main office is located in Kristiansand. The group includes the real estate agency Sørmegleren. Sparebanken Sør has access to financing through covered bonds issued by Sparebanken Sør Boligkreditt AS.

Sparebanken Sør has had an annualised growth in lending to corporates (incl. unutilized comm., guarantees) of 12.4% over the last 4 periods, (moderate growth as a share of total adj. assets¹, with 3.4% growth on average). The total capital ratio is 16.9% (the median for banks with total assets over 10 bn is 17.3%). Book equity constitutes 8.1% of total assets. Sparebanken Sør has a relatively low share of net short funding, as debt² adjusted for liquid assets³ equal to 5.6% of total assets (median 3.2%) matures during the next 18 months. Nonperforming and other doubtful commitments constitute 1.1% of adj. lending¹ (relatively low share of non-performing loans). Individual and collective write-downs amount to NOK 623 million, equal to 64% of non-performing and other doubtful commitments.



1) Including loans transferred to credit institutions

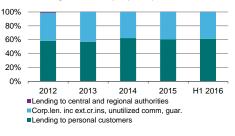
 2) Debt maturing by 31/12/2017 and 20% of deposits exceeding NOK2m adjusted for liquid assets
3) Liquid assets: bond portfolio with 20% hair cut, in excess of the old liquidity reserve requirement (6% av total debt), claims on central banks and credit institutions, and back stop facilities maturing after 31/12/2017.

4) Automated Credit Score

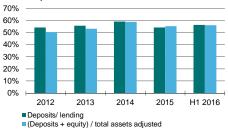
Sparebanken Sør

Accounts for the bank group			Accounting	g standard:	IFRS
Income statement (NOKm, condensed)	2012	2013	2014	2015	H1 2016
Net interest income and other credit income	551	602	1,511	1,521	759
Net other income and fees from banking services	101	100	318	317	170
Total net recurring revenues	652	702	1,829	1,838	929
Operating expenses	-251	-271	-634	-817	-409
Total net recurring income bef. losses and tax	401	431	1,195	1,021	520
Credit losses on loans/guarantees (reversal)	21	28 403	268	97	22
Earnings before tax excluding valuation effects Net valuation effect on bonds, stocks, curr. etc'	380 23	403	927 173	924 -69	498 55
Earnings before tax	403	413	1,100	855	553
Tax	-113	-111	-215	-231	-126
Net income (loss) for the period	290	302	885	624	427
Comprehensive income for the period	297	284	792	668	427
Balance sheet	2012	2013	2014	2015	H1 2016
Cash and deposits with central banks	475	1,340	595	332	1,307
Lending to and deposits with credit institutions	19	50	180	157	197
Gross lending to customers	35,717	38,155	81,628	89,110	90,798
Individual and collective write-downs Net lending to customers	144 35,573	168 37,987	715 80,913	723 88,387	623 90,175
Bonds and commercial paper	7,156	5,783	10,359	00,307 10,557	90,175 12,897
Shareholdings/ other fin. investments/ instruments	213	98	445	487	470
Other holdings incl derivatives and fixed assets	686	500	1,533	1,401	1,552
Immaterial assets	0	2	37	13	19
Total assets	44,122	45,760	94,062	101,334	106,617
Loans and deposits from credit institutions	5,305	2,028	614	576	596
Deposits from customers	19,378	21,264	48,250	48,349	51,227
Debt securities issued (excl. sub. and hyb.)	15,377	17,935	35,775	41,899	42,920
-Of which covered bonds / ABS	na	0	18,414	22,034	25,161
Other liabilities incl derivatives Subordinated debt(upper and lower Tier 2)	712 0	523 899	1,166 400	1,047	1,995 1,203
Additional Tier 1 securities (AT1)	498	0	700	1,200 510	1,203
Equity excluding Tier 2 and AT1	2,852	3,111	7,157	7,753	8,676
Total liabilities and equity	44,122	45,760	94,062	101,334	106,617
Total adjusted assets (incl. loans in external c.i.)	44,122	45,760	94,062	101,334	106,617
Other items regarding lending	2012	2013	2014	2015	H1 2016
Lending to personal customers	22,271	23,254	54,076	58,230	59,497
Lending to personal cust. incl ext. credit inst.	22,271	23,254	54,076	58,230	59,497
Lending to corporate clients	13,051	14,942	27,552	30,880	31,128
Lending to corporate clients incl. ext. credit inst.	13,051	14,942	27,552	30,880	31,128
Corp.len. inc ext.cr.ins, unutilized comm, guar.	15,451	17,514	32,589	37,555	37,646
		,			00
Lending to central and regional authorities	395	3	22	26	26
Lending to central and regional authorities Gross non-perf. and doubtful commitments	395 213	3 302	1,466	1,212	977
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios	395 213 2012	3 302 2013	1,466 2014	1,212 2015	977 H1 2016
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets	395 213 2012 1.30%	3 302 2013 1.34%	1,466 2014 1.61%	1,212 2015 1.56%	977 H1 2016 1.47%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets	395 213 2012 1.30% 1.30%	3 302 2013 1.34% 1.34%	1,466 2014 1.61% 1.61%	1,212 2015 1.56% 1.56%	977 H1 2016 1.47% 1.47%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets	395 213 2012 1.30% 1.30% 38.5%	3 302 2013 1.34% 1.34% 38.6%	1,466 2014 1.61% 1.61% 34.7%	1,212 2015 1.56% 1.56% 44.5%	977 H1 2016 1.47% 1.47% 44.0%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects	395 213 2012 1.30% 1.30%	3 302 2013 1.34% 1.34%	1,466 2014 1.61% 1.61%	1,212 2015 1.56% 1.56%	977 H1 2016 1.47% 1.47%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets	395 213 2012 1.30% 1.30% 38.5% 0.90%	3 302 2013 1.34% 1.34% 38.6% 0.90%	1,466 2014 1.61% 1.61% 34.7% 0.99%	1,212 2015 1.56% 1.56% 44.5% 0.95%	977 H1 2016 1.47% 1.47% 44.0% 0.97%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.99% 0.73% 9.97%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 0.71% 9.05%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net valuation effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.99% 0.73% 9.97% 12.86%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net adj.interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net incc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj.	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.99% 0.73% 9.97% 12.86% 1.80%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net valuation effects/ave. tot. assets adj. Adj. net incc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6% 0.06%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07%	1,466 2014 1.61% 34.7% 0.99% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val.effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.66% 10.36% 10.36% 0.60% 67.6% 0.06% 0.12%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6%	1,466 2014 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6% 0.06%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15%	1,466 2014 1.61% 34.7% 0.99% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 0.97% 0.97% 1.08% 63.8% 0.05% 0.05%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net valuation effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 67.6% 0.06% 0.12% 5.2%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 0.05% 10.48% 63.8% 0.05% 0.05% 4.2%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj.	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.60% 67.6% 0.06% 0.12% 5.2% 24.1%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 0.05% 4.2% 26.8%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net valuation effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending Credit losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.60% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 54.3%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.66% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.66% 22.4% 21.3% 37.1% 59.1%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.2%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending Credit losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending Lequists - equity) / total assets adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6% 0.06% 0.12% 5.2% 24.1% 24.1% 47.4% 54.3% 50.4%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1%	1,212 2015 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.2% 153.0%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6% 0.06% 0.12% 5.2% 24.1% 24.1% 47.4% 54.3% 50.4%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.03% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 58.9%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.2% 153.0% 57.0%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.60% 67.6% 0.06% 0.12% 5.2% 24.1% 24.1% 47.4% 54.3% 50.4%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1%	1,212 2015 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.2% 153.0% 8.1%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 47.4% 54.3% 50.4%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.03% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 59.1% 58.9%	1,212 2015 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.2% 153.0% 57.0%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val.effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total adjusted assets (unweighted)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 50.4% 56.1% 6.5% 6.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 10.00% 10.03% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 59.1% 59.1% 57.4% 7.6% 7.6%	1,212 2015 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.7%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 4.2% 26.8% 48.1% 56.4% 56.2% 153.0% 8.1% 8.1%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 50.4% 56.1% 6.5% 6.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 10.00% 10.03% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 59.1% 59.1% 57.4% 7.6% 7.6%	1,212 2015 1.56% 44.5% 0.95% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.7%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.97% 10.48% 10.48% 63.8% 0.05% 0.05% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.2% 153.0% 8.1% 8.1% 7.7%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 54.3% 50.4% 55.5% 6.5% 6.5% 6.5% 11.5% 13.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 55.7% 55.7% 53.3% 56.8% 6.8% 6.8% 6.8% 6.8%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.5% 13.1% 14.4%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.6% 12.7% 13.5%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.4% 56.4% 56.2% 153.0% 8.1% 7.7% 7.5% 13.6% 14.9%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 54.3% 54.3% 50.4% 55.5% 6.5% 6.5% 6.5% 11.5% 13.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 6.8% 6.8% 12.0% 13.9% 15.4%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.1% 59.1% 57.4% 7.6% 7.5% 13.1% 14.4% 15.1%	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.6% 12.7% 13.5% 15.5%	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 63.8% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.4% 56.2% 153.0% 153.0% 8.1% 7.7% 7.5% 13.6% 14.9% 16.9%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules) Total cap. ratio (risk-weighted, transitional rules) Gap to CET1 5.125% AT1-trigger (% of adj. lending)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 54.3% 50.4% 55.5% 6.5% 6.5% 6.5% 11.5% 13.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.90% 0.90% 0.06% 10.13% 55.6% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 55.7% 55.7% 55.7% 55.7% 55.7% 53.3%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 50.1% 7.6% 7.5% 13.1% 14.4% 15.1% 15.1	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.6% 12.7% 13.5% 15.5% na	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.71% 9.05% 10.48% 1.08% 63.8% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.4% 56.4% 56.2% 153.0% 8.1% 7.7% 7.5% 13.6% 14.9%
Lending to central and regional authorities Gross non-perf. and doubtful commitments Key ratios Net interest income to average total assets Net adj.interest income to ave. total adj.assets Cost/ income excluding net valuation effects EBT excl. net valuation effects/ave. tot. assets EBT excl. net val. effects/ave. tot. assets adj. Adj. net inc. excl.val. effects/ave. tot. assets adj. Adj. net income, excl.val. effects/ave. equity ROE, book net income to average equity Gross non-perf. and doubtful/gr. lending adj. Write-downs/(gr. non-perf. and other doubtful) Credit losses/gross lending Credit losses/gross lending Credit losses/gross lending adjusted Cred. losses/net recurring inc. bef. losses, tax Loans transferred to credit inst./ total assets adj. Resid. loans transf. to cr.inst/lend. to pers. adj. Deposits/ lending Deposits/ lending adjusted (Deposits + equity) / total assets adjusted Liquidity coverage ratio (LCR) REA/ total adjusted assets Book equity / total assets (unweighted) Book equity / total assets (unweighted) Com. Equity Tier 1 cap./tot. assets adj. (unweighted Leverage ratio CET 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules) Tier 1 ratio (risk-weighted, trans. rules)	395 213 2012 1.30% 1.30% 38.5% 0.90% 0.90% 0.66% 10.36% 10.69% 0.66% 0.12% 5.2% 24.1% 47.4% 54.3% 54.3% 54.3% 50.4% 55.5% 6.5% 6.5% 6.5% 11.5% 13.5%	3 302 2013 1.34% 1.34% 38.6% 0.90% 0.90% 0.90% 0.66% 10.00% 10.13% 0.79% 55.6% 0.07% 0.15% 6.5% 24.7% 48.7% 55.7% 55.7% 55.7% 55.7% 53.3% 56.5% 6.8% 6.8% 6.8% 6.8% 12.0% 13.9% 15.4%	1,466 2014 1.61% 1.61% 34.7% 0.99% 0.73% 9.97% 12.86% 1.80% 48.8% 0.33% 0.66% 22.4% 21.3% 37.1% 59.1% 50.1% 7.6% 7.5% 13.1% 14.4% 15.1% 15.1	1,212 2015 1.56% 1.56% 44.5% 0.95% 0.70% 9.17% 8.37% 1.36% 59.7% 0.11% 0.22% 9.5% 25.3% 44.1% 54.3% 55.4% 59.9% 7.7% 7.6% 12.7% 13.5% 15.5% na	977 H1 2016 1.47% 1.47% 44.0% 0.97% 0.97% 0.71% 9.05% 10.48% 63.8% 0.05% 0.05% 4.2% 26.8% 48.1% 56.4% 56.4% 56.4% 56.2% 153.0% 153.0% 8.1% 7.7% 7.5% 13.6% 14.9% 16.9%

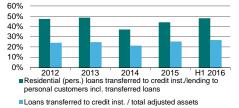




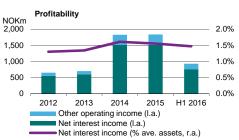


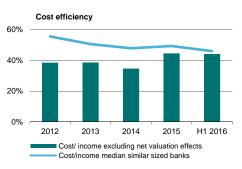


Loans transferred to credit institutions









Including trading income and selected one-offs such as income from changes in pension regulation
Loans transferred to jointly owned credit instit. with the purpose of issuing covered bonds. Not on the group's balance sheet

3) Loans transferred to the bank's own credit instit. with the purpose of issuing covered bonds. Remains on the group's balance sheet

MPORTANT/DISCLAIMER

This note (the "Note") must be seen as marketing material and not as an investment recommendation within the meaning of the Norwegian Securities Trading Act of 2007 paragraph 3-10 and the Norwegian Securities Trading Regulation 2007/06/29 no. 876.

The Note has been prepared by DNB Markets, a division of DNB Bank ASA, a Norwegian bank organized under the laws of the Kingdom of Norway (the Bank"), for information purposes only. The Note shall not be used for any unlawful or unauthorized purposes. The Bank, its affiliates, and any third-party providers, as well as their directors, officers, shareholders, employees or agents (individually, each a "DNB Party"; collectively, "DNB Parties") do not guarantee the accuracy, completeness, timeliness or availability of the Note.

The analyst hereby certifies that (i) the views expressed in this report accurately reflect that research analyst's personal views about the company and the securities that are the subject of this report, and (ii) no part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in this report. DNB Markets employees, including research analysts, may receive compensation that is generated by overall firm profitability.

DNB Parties are not responsible for any errors or omissions, regardless of the cause, nor for the results obtained from the use of the Note, nor for the security or maintenance of any data input by the user. The Note is provided on an "as is" basis. DNB PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE NOTE'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE NOTE WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall DNB Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Note, even if advised of the possibility of such damages. Any opinions expressed herein reflect the Bank's judgment at the time the Note was prepared and DNB Parties assume no obligation to update the Note in any form or format. The Note should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. No DNB Party is acting as fiduciary or investment advisor in connection with the dissemination of the Note. While the Note is based on information obtained from public sources that the Bank believes to be reliable, no DNB Party has performed an audit of, nor accepts any duty of due diligence or independent verification of, any information it receives.

Conflict of interest

Confidentiality rules and internal rules restrict the exchange of information between different parts of the Bank, and between the Bank and other parts of the DNB Group, and this may prevent employees of DNB Markets who are preparing the Note from utilizing or being aware of available information that may be relevant to the recipients of the Note. The Bank and the DNB Group have incorporated internal rules and regulations in order to avoid any potential conflicts of interest

DNB Markets/DNB group may have its own portfolio of financial instruments issued by the companies.

The analyst(s) or any close associates may hold positions in financial instruments issued by the companies.

The Analyst(s) does not receive any compensation related to a specific assignment or credit research report.

DNB Markets may have carried out assignments for the issuers and received compensation during the last 12 months. The Note is not an offer to buy or sell any security or other financial instrument or to participate in any investment strategy. Distribution of material like the Note is in certain jurisdictions restricted by law. Persons in possession of the Note should seek further guidance regarding such restrictions before distributing the Note.

The Note is for clients only, and not for publication, and has been prepared for information purposes only by DNB Markets - a division of DNB Bank ASA registered in Norway with registration number NO 984 851 006 (the Register of Business Enterprises) under supervision of the Financial Supervisory Authority of Norway (Finanstilsynet), the Monetary Authority of Singapore, and on a limited basis by the Financial Conduct Authority and the Prudential Regulation Authority of the UK, and the Financial Supervisory Authority of Sweden. Details about the extent of our regulation by local authorities outside Norway are available from us on request. Information about DNB Markets can be found at dnb.no.

Additional information for clients in Singapore

The Note has been distributed by the Singapore Branch of DNB Bank ASA. It is intended for general circulation and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. You should seek advice from a financial adviser regarding the suitability of any product referred to in the Note, taking into account your specific financial objectives, financial situation or particular needs before making a commitment to purchase any such product.

You have received a copy of the Note because you have been classified either as an accredited investor, an expert investor or as an institutional investor, as these terms have been defined under Singapore's Financial Advisers Act (Cap. 110) ("FAA") and/or the Financial Advisers Regulations ("FAR"). The Singapore Branch of DNB Bank ASA is a financial adviser exempt from licensing under the FAA but is otherwise subject to the legal requirements of the FAA and of the FAR. By virtue of your status as an accredited investor or as an expert investor, the Singapore Branch of DNB Bank ASA is, in respect of certain of its dealings with you or services rendered to you, exempt from having to comply with certain regulatory requirements of the FAA and FAR, including without limitation, sections 25, 27 and 36 of the FAA. Section 25 of the FAA requires a financial adviser to disclose material information concerning designated investment products which are recommended by the financial adviser to you as the client. Section 27 of the FAA requires a financial adviser to have a reasonable basis for making investment recommendations to you as the client. Section 36 of the FAA requires a financial adviser to go as the client. include, within any circular or written communications in which he makes recommendations concerning securities, a statement of the nature of any interest which the financial adviser (and any person connected or associated with the financial adviser) might have in the securities. Please contact the Singapore Branch of DNB Bank ASA at +65 6212 0753 in respect of any matters arising from, or in connection with, the Note.

The Note is intended for and is to be circulated only to persons who are classified as an accredited investor, an expert investor or an institutional investor. If you are not an accredited investor, an expert investor or an institutional investor, please contact the Singapore Branch of DNB Bank ASA at +65 6212 0753.

We, the DNB group, our associates, officers and/or employees may have interests in any products referred to in the Note by acting in various roles including as distributor, holder of principal positions, adviser or lender. We, the DNB group, our associates, officers and/or employees may receive fees, brokerage or commissions for acting in those capacities. In addition, we, the DNB group, our associates, officers and/or employees may buy or sell products as principal or agent and may effect transactions which are not consistent with the information set out in the Note.

Additional information for clients in the United States

Each research analyst named on the front page of this research report, or at the beginning of any subsection hereof, hereby certifies that (i) the views expressed in this report accurately reflect that research analyst's personal views about the company and the securities that are the subject of this report; and (ii) no part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in this report.

The research analyst(s) named on this report are foreign research analysts as defined by NASD Rule 1050. The only affiliate contributing to this research report is DNB Bank through its DNB Markets division ("DNB Markets/DNB Bank"); the foreign research analysts employed by DNB Markets/DNB Bank are named on the first page; the foreign research analysts are not registered/qualified as research analysts with FINRA; foreign research analysts are not associated persons of DNB Markets, Inc. and therefore are not subject to the restrictions set forth in FINRA Rules 2241 and 2242 regarding restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

This is a Third Party Research Report as defined by FINRA Rules 2241 and 2242. Any material conflict of interest that can reasonably be expected to have influenced the choice of DNB Markets/DNB Bank as a research provider or the subject company of a DNB Markets/DNB Bank research report, including the disclosures required by FINRA Rules 2241 and 2242 can be found above.

This report is being furnished solely to Major U.S. Institutional Investors within the meaning of Rule 15a-6 under the U.S. Securities Exchange Act of 1934 and to such other U.S. Institutional Investors as DNB Markets, Inc. may determine. Distribution to non-Major U.S. Institutional Investors will be made only by DNB Markets, Inc., a separately incorporated subsidiary of DNB Bank that is a U.S. broker-dealer and a member of the Financial Industry Regulatory

Authority ("FINRA") and the Securities Investor Protection Corporation ("SIPC"). Any U.S. recipient of this report seeking to obtain additional information or to effect any transaction in any security discussed herein or any related instrument or investment should contact DNB Markets, Inc., 200 Park Avenue, New York, NY 10166-0396, telephone number +1 212-551-9800.

Contacts

Credit research

Ole Einar Stokstad Head of Credit Research, Financials +47 24 16 90 48 ole.einar.stokstad@dnb.no

Rolv Kristian Heitmann Financials & Utilities +47 24 16 90 49 rolv.kristian.heitmann@dnb.no

Magnus Vie Sundal Credit Strategist +47 24 16 91 23 magnus.vie.sundal@dnb.no

Investment grade

High-yield



Mikael Løkken Gjerding High-Yield Oil/Offshore/Shipping +47 24 16 90 47 mikael.lokken.gjerding@dnb.no

Thomas Larsen High-Yield Oil/Offshore/Shipping +47 24 16 90 44 thomas.larsen@dnb.no

Martin Børter High-Yield Oil/Offshore/Shipping +47 24 16 90 46 martin.borter@dnb.no

Shawn Courcelles High-Yield Oil/Offshore/Shipping +47 24 16 91 28 shawn.courcelles@dnb.no



Knut Olav Rønningen

High-Yield Corporates +47 24 16 90 45 knut.olav.ronningen@dnb.no

Kristina Solbakken Lund Investment Grade & High-Yield Corp. +47 24 16 90 51 ksl@dnb.no

Erik Öberg Investment Grade & High-Yield Corp. +46 8 473 48 49 erik.oberg@dnb.se

Fixed income sales

Oslo		
Jan Krogh-Vennemo	jan.vennemo@dnb.no	+47 24 16 90 15
Elisabeth Agre	elisabeth.agre@dnb.no	+47 24 16 90 13
Joakim Ben Riala	joakim.ben.riala@dnb.no	+47 24 16 94 16
Alain Britt-Côté	alain.britt-cote@dnb.no	+47 24 16 90 09
Fredrik T. Eliassen	fredrik.thorso.elisassen@dnb.no	+47 24 16 91 03
Nils-Jørgen Fimland	nils-jorgen.fimland@dnb.no	+47 24 16 90 23
Morten Fornes	morten.fornes@dnb.no	+47 24 16 90 18
Rune B. Liholt	rune.liholt@dnb.no	+47 24 16 90 25
De Cong Lu Morten Madsen	de.cong.lu@dnb.no	+47 24 16 90 12 +47 24 16 90 22
Christian Malde	morten.madsen@dnb.no christian.malde@dnb.no	+47 24 16 90 22
Dag Bernt Nilsen	dag.nilsen@dnb.no	+47 24 16 90 20
Jannis Rikvold	jannis.rikvold@dnb.no	+47 24 16 90 16
Petter M. Rishovd	petter.rishovd@dnb.no	+47 24 16 90 10
Hanna Tronrud	hanna.tronrud@dnb.no	+47 24 16 90 14
Hedda Giæver	hedda.giaever@dnb.no	+47 24 16 91 05
Khagani Agaev	khagani.agaev@dnb.no	+47 24 16 90 61
Trond Sannes Marthinsen	trond.marthinsen@dnb.no	+47 24 16 90 19
inona ourneo marannoon	u on annar annoon (gan bino	147 24 10 30 13
Oslo – Fixed Income and		. 47 70 07 40 05
Bård Løkken	bard.lokken@dnb.no	+47 73 87 49 85
Frank Rognes	frank.rognes@dnb.no	+47 24 16 91 15
Harald Taarud	harald.taarud@dnb.no	+47 61 24 79 57
New York		
Lars Nyhus	lars.nyhus@dnb.no	+1 212 681 3911
Ole Martin Bosåen	ole.martin.bosaen@dnb.no	+1 212 681 3918
John Parker	john.parker@dnb.no	+1 212 551 9852
Brian Mcevilly	brian.mcevilly@dnb.no	+1 212 551 9897
Vincenzo Zarrillo	vincenzo.zarrillo@dnb.no	+1 212 551 9855
Singapore		
Chee Keen Ng	chee.keen.ng@dnbbank.com	+65 6220 2122
Eleana Mei Ling Chan Jerome Teo	eleana.chan@dnbbank.com	+65 6220 7717 +65 6223 1720
Jerome Teo	jerome.teo@dnbbank.com	+05 0225 1720
Stockholm		the output to a second
Viktor Jansson	viktor.jansson@dnb.se	+46 8 473 48 71
Daniel Andersson	daniel.andersson@dnb.se	+46 8 473 48 75
Nina Bengtsson	nina.bengtsson@dnb.se	+46 8 473 48 78
Jamil Ekring	jamil.ekring@dnb.se	+46 8 473 48 21
Robert Fredholm	robert.fredholm@dnb.se	+46 8 473 48 59
Arin Kamangar	arin.kamangar@dnb.se	+46 8 473 48 34
Pontus Kylander	pontus.kylander@dnb.se	+46 8 473 48 73
Ulf Pettersson Camilla Ohlsson	ulf.pettersson@dnb.se	+46 8 473 48 38
Camilia Onisson	camilla.ohlsson@dnb.se	+ 46 8 597 912 17

Fixed income origination

Oslo		
Peter Behncke	peter.behncke@dnb.no	+47 24 16 93 62
Jarl H. Brevik	jarl.brevik@dnb.no	+47 24 16 93 52
Knut Eivind Haaland	knut.eivind.haaland@dnb.no	+47 24 16 93 61
Andreas Næss	andreas.naess@dnb.no	+47 24 16 93 02
Haakon Magne Ore	haakon.magne.ore@dnb.no	+47 24 16 93 49
Kristian Ottosen	kristian.ottosen@dnb.no	+47 24 16 93 56
Preben Stray	preben.stray@dnb.no	+47 24 16 93 63
Henning Sørlie	henning.sorlie@dnb.no	+47 24 16 93 57
Frode Sævig	frode.savig@dnb.no	+47 24 16 93 55
London		
Padraig Harrington	padraig.harrington@dnb.no	+44 20 7621 6021
Stuart Fidler	stuart.fidler@dnb.no	+44 20 7621 6129
JoJo Thirasilpa	jojo.thirasilpa@dnb.no	+44 20 7621 6056
New York/Houston		
Robert Christensen	robert.christensen@dnb.no	+1 212 551 9831
Daniel Hochstadt	daniel.hochstadt@dnb.no	+1 212 681 3990
Singapore		
Joachim Skorge	joachim.skorge@dnb.no	+65 6212 06 70
Mattis Hystad	mattis.hystad@dnb.no	+65 6212 06 97
Stockholm		
Karl Johan Kulling	karljohan.kulling@dnb.se	+46 8 473 48 67
Johan Edin	johan.edin@dnb.se	+46 76 466 69 21
Henrik Kansmark	henrik.kansmark@dnb.se	+46 76 466 69 22
Kristofer Pousette	kristofer.pousette@dnb.se	+46 8 473 48 77

Fixed income syndicate desk Oal

USIO		
Pål Vammervoll	pal.vammervoll@dnb.no	+47 24 16 93 68
Pål Hegseth	pal.hegseth@dnb.no	+47 24 16 93 54



dnb.no