

## CREDIT OPINION

1 July 2019

Update

✓ Rate this Research

### RATINGS

#### ABN AMRO Bank N.V.

|                   |  |
|-------------------|--|
| Domicile          | Amsterdam, Netherlands                 |
| Long Term CRR     | Aa3                                    |
| Type              | LT Counterparty Risk Rating - Fgn Curr |
| Outlook           | Not Assigned                           |
| Long Term Debt    | A1                                     |
| Type              | Senior Unsecured - Fgn Curr            |
| Outlook           | Stable                                 |
| Long Term Deposit | A1                                     |
| Type              | LT Bank Deposits - Fgn Curr            |
| Outlook           | Stable                                 |

Please see the [ratings section](#) at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

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## ABN AMRO Bank N.V.

### Update to credit analysis

#### Summary

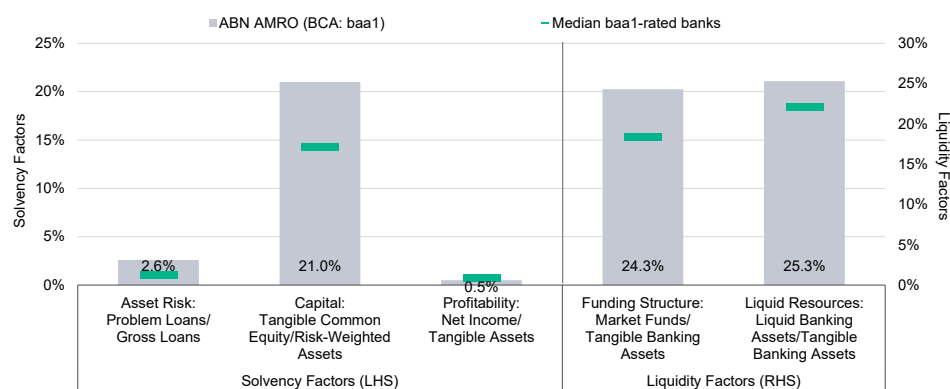
The baa1 baseline credit assessment (BCA) of [ABN AMRO Bank N.V.](#) (ABN AMRO) reflects the bank's overall good financial fundamentals including sound profitability and asset quality, solid capitalization and a robust liquidity position. The BCA further captures the bank's strong presence in the Dutch market, its balanced business mix between retail and commercial banking, and its private banking activity undertaken across Europe.

The A1/Prime-1 deposit and senior unsecured ratings reflect (1) the bank's standalone credit strength; (2) the application of our Advanced Loss Given Failure (LGF) analysis, resulting in a two-notch uplift — for both senior debt and deposits — from the Adjusted BCA of baa1, given the significant volumes of senior debt and junior deposits, resulting in very low loss-given-failure for these instruments; and (3) government support uplift of one notch, reflecting a moderate probability of government support in view of the bank's systemic importance.

The counterparty risk assessment (CRA) of Aa3(cr)/Prime-1(cr) assigned to ABN AMRO is four notches above the BCA, reflecting the substantial volume of bail-in-able liabilities protecting operating obligations, as well as a moderate probability of government support.

Exhibit 1

#### Rating Scorecard - Key financial ratios



Source: Moody's Financial Metrics

### Credit strengths

» Strong positions in the domestic market and some other countries.

- » Moderate risk profile owing to focus on the retail and commercial banking business.
- » High capitalisation on a risk-weighted basis.
- » Sound profitability, commensurate with the bank's moderate risk profile.

### Credit challenges

- » Pressure on earnings from the low interest rate environment
- » Low capital risk weights resulting in high impact of regulatory changes

### Rating outlook

The stable outlook reflects the bank's sound fundamentals as well as the limited improvements that the bank is likely to achieve over the outlook horizon against the backdrop of a slowing Dutch economy, the prospect of a higher dividend pay-out and the negative impact of low interest rates on net interest margins. The stable outlook also assumes that the liability structure and probability of government support will remain broadly unchanged.

### Factors that could lead to an upgrade

We could upgrade ABN AMRO's BCA and long-term ratings if (1) the bank's capitalisation were to improve materially further, including its leverage ratio, and (2) the bank concurrently reported stable earnings while maintaining a low-risk profile.

ABN AMRO's deposit and senior unsecured debt ratings could also be upgraded as a result of a decrease in loss-given-failure, should they benefit from higher subordination than is currently the case.

### Factors that could lead to a downgrade

The bank's BCA could be downgraded as a result of (1) a significant deterioration in the bank's asset quality and profitability; or (2) a decline in its liquidity and/or capitalisation. A lower BCA would likely result in downgrades to all ratings.

ABN AMRO's deposit and senior unsecured debt ratings could also be downgraded as a result of an increase in loss-given-failure, should they account for example for a significantly smaller share of the bank's overall liability structure, or benefit from lower subordination than is currently the case.

### Key Indicators

Exhibit 2

#### ABN AMRO Bank N.V. (Consolidated Financials) [1]

|  | 12-18 <sup>2</sup> | 12-17 <sup>2</sup> | 12-16 <sup>2</sup> | 12-15 <sup>2</sup> | 12-14 <sup>2</sup> | CAGR/Avg. <sup>3</sup> |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| Total Assets (EUR Million)                                       | 381,295.0          | 393,171.0          | 394,482.0          | 407,373.0          | 386,867.0          | (0.4) <sup>4</sup>     |
| Total Assets (USD Million)                                       | 435,875.3          | 472,118.7          | 416,080.8          | 442,527.4          | 468,129.6          | (1.8) <sup>4</sup>     |
| Tangible Common Equity (EUR Million)                             | 22,100.0           | 21,468.8           | 18,918.0           | 17,799.3           | 15,432.8           | 9.4 <sup>4</sup>       |
| Tangible Common Equity (USD Million)                             | 25,263.5           | 25,779.6           | 19,953.8           | 19,335.2           | 18,674.4           | 7.8 <sup>4</sup>       |
| Problem Loans / Gross Loans (%)                                  | 2.2                | 2.5                | 3.3                | 3.1                | 2.7                | 2.7 <sup>5</sup>       |
| Tangible Common Equity / Risk Weighted Assets (%)                | 21.0               | 20.2               | 18.2               | 16.5               | 14.1               | 18.0 <sup>6</sup>      |
| Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%) | 24.2               | 28.9               | 39.5               | 40.8               | 37.6               | 34.2 <sup>5</sup>      |
| Net Interest Margin (%)  | 1.7                | 1.6                | 1.5                | 1.5                | 1.6                | 1.6 <sup>5</sup>       |
| PPI / Average RWA (%)  | 3.4                | 3.0                | 2.3                | 2.9                | 2.6                | 2.8 <sup>6</sup>       |
| Net Income / Tangible Assets (%)                                 | 0.5                | 0.6                | 0.4                | 0.5                | 0.3                | 0.5 <sup>5</sup>       |
| Cost / Income Ratio (%)  | 60.2               | 64.2               | 69.6               | 62.0               | 62.6               | 63.7 <sup>5</sup>      |
| Market Funds / Tangible Banking Assets (%)                       | 24.3               | 25.1               | 27.5               | 25.8               | 30.4               | 26.6 <sup>5</sup>      |

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on [www.moody's.com](http://www.moody's.com) for the most updated credit rating action information and rating history.

|   |       |       |       |       |       |                    |
|---|-------|-------|-------|-------|-------|--------------------|
| Liquid Banking Assets / Tangible Banking Assets (%) | 25.3  | 24.9  | 25.5  | 22.4  | 20.0  | 23.6 <sup>5</sup>  |
| Gross Loans / Due to Customers (%)                  | 115.3 | 117.2 | 118.6 | 114.9 | 123.5 | 117.9 <sup>5</sup> |

[1]All figures and ratios are adjusted using Moody's standard adjustments. [2]Basel III - fully-loaded or transitional phase-in; IFRS. [3]May include rounding differences due to scale of reported amounts. [4]Compound Annual Growth Rate (%) based on time period presented for the latest accounting regime. [5]Simple average of periods presented for the latest accounting regime. [6]Simple average of Basel III periods presented.

Source: Moody's Investors Service; Company Filings

## Profile

ABN AMRO is a Dutch universal bank. The bank provides retail, private and commercial banking products and services to individuals, high-net-worth clients, small and medium-sized enterprises (SMEs), large companies and financial institutions. Please refer to [ABN AMRO's Company Profile](#) for more information.

## Detailed credit considerations

### A strong position in the domestic market and in selected countries

ABN AMRO has a strong franchise in the highly concentrated Dutch market, where it is the second-largest bank in retail banking, having a 20%-25% market share in key products, including mortgages, savings and consumer lending. Mortgage origination fell recently as the bank slowed lending in order to protect margins, with a market share falling to 14% in Q1 2019 versus 20% in Q1 2018. Outside the Netherlands, the bank's franchise is more selective, although it benefits from good brand recognition in some countries and for certain activities, such as private banking in France and Germany. 83% of the bank's operating income was from domestic operations in 2018.

In private banking, ABN AMRO is ranked as the leader in its home market and has significant activities across Europe. As of the end of March 2019, private banking client assets totaled €197 billion.

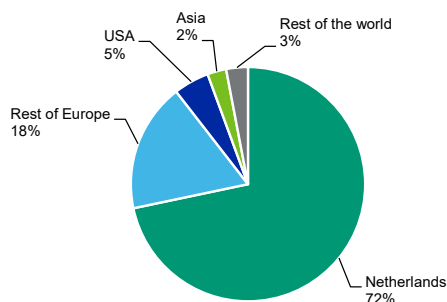
The bank has also maintained a strong position in commercial banking where its domestic market share ranges from 25% to 30%. In international activities, which are run through its corporate and institutional banking segment, ABN AMRO is a large player in some global markets such as "Global Transportation and Logistics (GTL)", "Natural Resources", and "Trade and Commodity Finance (TCF)" (formerly known as the Energy, Commodities and Transportation or ECT activity), asset-based finance and clearing.

### Moderate risk profile owing to focus on the retail and commercial banking business

As reflected in the assigned Asset Risk score of a3, we consider ABN AMRO's asset quality to be good overall, given that its operations are primarily traditional retail and commercial banking in the domestic market. As of end-March 2019, around 60% of the bank's loan portfolio was to households (primarily residential mortgages). As we expect the Dutch economy to continue to perform well, ABN AMRO should continue to benefit from this focus on the domestic market.

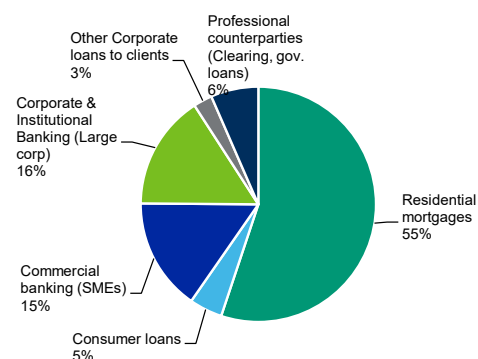
The release of provisions receded in 2018 compared to 2016-2017, resulting in higher net cost of risk. The bank's overall cost of risk was 24 basis points (bps) in 2018 versus -2 bps in 2017. The increase in loan loss charges mainly occurred in the commercial and corporate segments, notably in the shipping and offshore sectors (oil and gas), as well as the Diamond and Jewelry sector. In the first quarter of 2019, impairment charges for these sectors significantly decreased, bringing the overall cost of risk down to 15 bps of average loans. This was in part driven by the bank's de-risking strategy, but we still consider these exposures to be volatile and of higher risk. On the other hand, a rise in impairments in commercial banking partly offset those gains.

Exhibit 3  
**ABN AMRO's exposures are focused on the Netherlands**  
 Geographical breakdown of exposures at default as of end-December 2018 (%)



Sources: Company reports, Moody's Investors Service

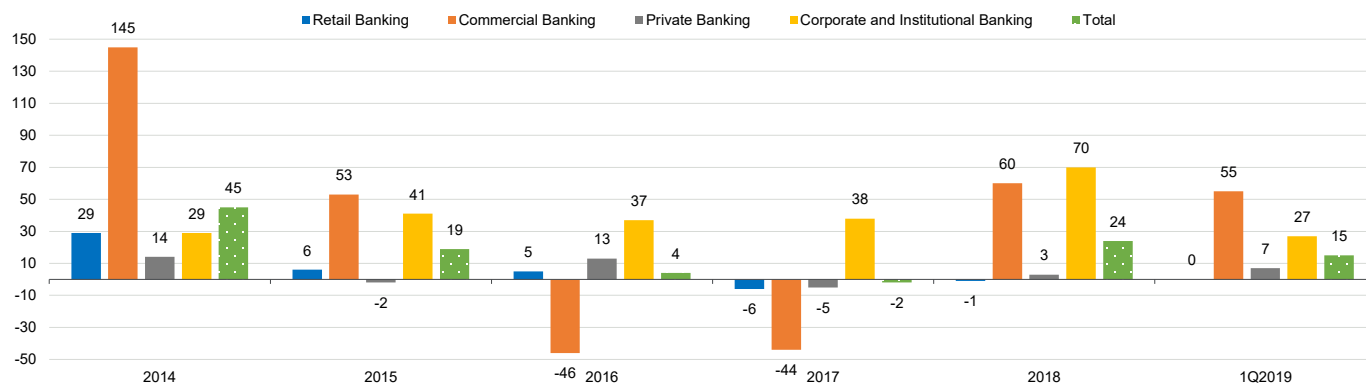
Exhibit 4  
**ABN AMRO's loan book is largely composed of Dutch residential mortgages**  
 Breakdown of loan book to customers by nature as of end-December 2018 (%)



Source: Company reports, Moody's Investors Service

While the formerly named ECT portfolio<sup>1</sup> performed well until the end of 2015, it has generated the largest part of the bank's impairment charges within the corporate loan portfolio since the beginning of 2016 owing to its exposures to the oil and gas sector and also the shipping sector. Despite the generally short-dated and collateralized nature of the exposures, performance in this business is less predictable and stable than retail or SME banking. As we believe this type of business could incur relatively high single borrower exposures, we see it as modestly negative for the bank's risk profile. Nonetheless, the bank has reduce its exposures to offshore energy services, to shipping and to the diamond and jewelry sector.

Exhibit 5  
**Impairment charges are low and stem almost exclusively from the corporate and commercial loan portfolios**  
 Loan-loss impairment charges / gross customer loans (bps)



Source: Company reports, Moody's Investors service

The bank has limited market risk exposure, and related market risk-weighted assets (RWAs) accounted for around 1% of total RWAs as of the end of March 2019. ABN AMRO focuses on customer-driven activities and discontinued its proprietary trading activities in 2010. However, the bank still undertakes some market-making activities, which are relatively small and driven by its corporate and institutional clients.

### Sound liquidity position

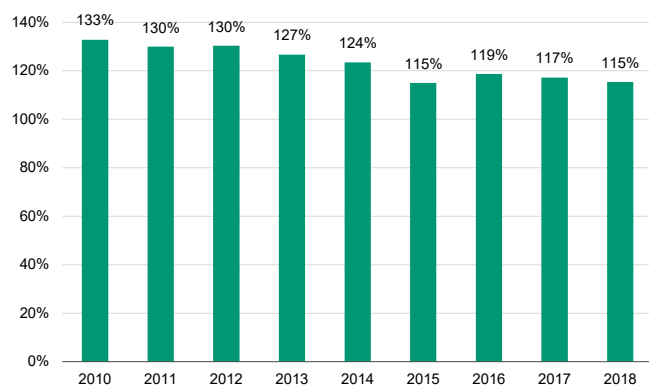
We view ABN AMRO's liquidity position as sound, and we expect it to remain so over the coming quarters. As of the end of December 2018, the bank disclosed a loan-to-deposit ratio of 111%, reflective of the structural deficit of customer deposits in the Dutch market. This funding position is supported by ABN AMRO's strong position in retail banking in the Netherlands, but also in private banking,

which generates relatively limited lending and brings substantial deposits. These private banking deposits will remain an important source of funding for ABN AMRO, but we consider them to be more confidence-sensitive and less sticky than retail deposits.

Exhibit 6

### ABN AMRO's deposit growth allowed a progressive decline of the customer funding gap

Gross loans / Due to customers (%)

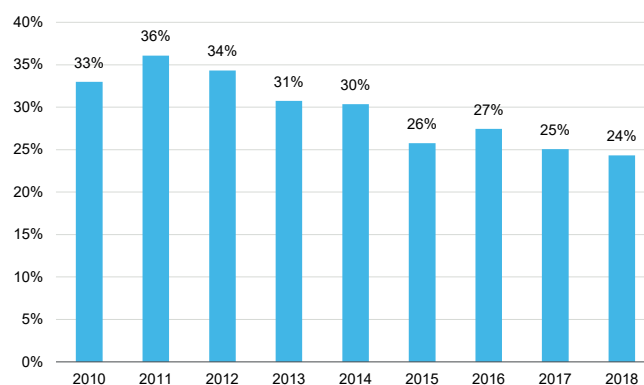


Note: loan-to-deposit ratio under Moody's calculations.

Source: Company reports, Moody's Investors Service

Exhibit 7

### Wholesale funding decreased as a result of Market funds / Tangible banking assets (%)



Source: Company reports, Moody's Investors Service

The customer funding gap is funded by wholesale borrowing. Risks stemming from the reliance on confidence-sensitive funding are mitigated by the term structure of the outstanding debt, as well as the comfortable liquidity buffer. As of the end of December 2018, the €84.5 billion liquidity buffer represented a little over three times all the wholesale debt securities maturing within one year, which we consider as more than adequate to cover the liquidity risk. At the end of March 2019, the bank's Liquidity Coverage Ratio (LCR) and Net Stable Funding Ratio (NSFR) were above 100%, as reported by the bank.

All these factors are reflected in our combined Liquidity Score of baa2.

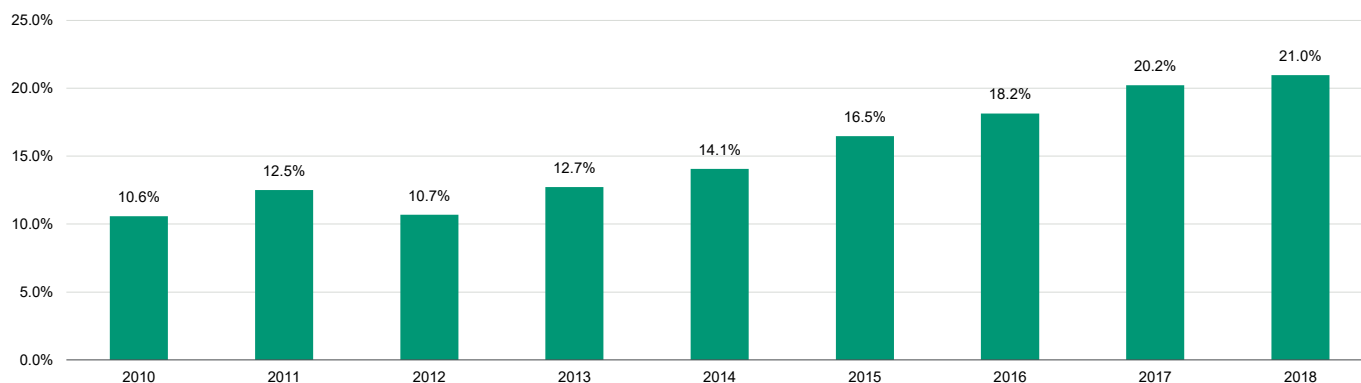
### High risk-weighted capitalization; although with higher-than-average nominal leverage

As of the end of March 2019, ABN AMRO reported a fully-loaded Common Equity Tier 1 (CET1) ratio of 18.0%, which we view as very strong compared with its main domestic and European peers. Under the Supervisory Review and Evaluation Process (SREP) for 2019, the minimum CET1 regulatory requirement is 11.8%, including a counter-cyclical buffer of 0.07%.<sup>2</sup> ABN AMRO targets a CET1 ratio between 17.5% and 18.5%, which is constructed as follows: SREP capital requirement (11.8%), Pillar 2 Guidance and a management buffer (undisclosed) totaling 13.5% with on top a "Basel IV implementation buffer" of 4-5% that will allow the bank to absorb the expected impact of the so-called "Basel IV" framework.

Exhibit 8

**ABN AMRO has high levels of regulatory capital on a risk-weighted basis**

Tangible common equity / Risk-weighted assets (%)



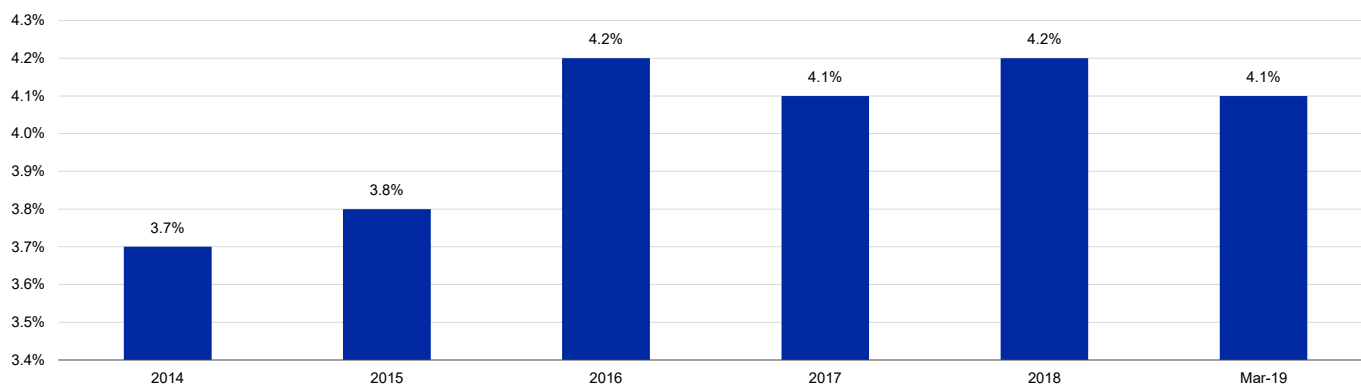
Source: Company reports, Moody's Investors Service

As of the end of March 2019, the fully-loaded leverage ratio at the level of the bank was 4.1%. The contrast between the strong CET1 ratio and the low leverage ratio reflects the relatively low risk weights of assets, a common feature to all Dutch retail banks, in particular for Dutch mortgages (which, given their excellent track record, have relatively low risk weights of around 10%) in the calculation of risk-weighted assets (RWAs). The estimated overall impact of the application of the "Basel IV" rules given by the bank is a 36% increase in its risk-weighted assets, before mitigation efforts (29% post-mitigation). This is an estimate which assumes a static balance sheet. We also believe that part of the inflation in RWAs will happen earlier than suggested by the current official timeline. The bank reported RWA increases of €5 billion in Q4 2018<sup>3</sup> and €1.3 billion in Q1 2019 linked to the ECB's Targeted Review of Internal Models (TRIM) and model review add-ons, which will have the effect of front-loading the inflation in RWAs.

Exhibit 9

**The bank's leverage is relatively high**

Regulatory Tier 1 leverage ratio



Source: Company reports

The bank's regulatory Tier 1 leverage ratio was 4.1%<sup>4</sup> at end-March 2019 and its ratio of tangible common equity (TCE) to total assets was 5.8% at year-end 2018. The bank expects its regulatory leverage ratio to improve by approximately 0.5 percentage points once the change in the calculation of derivative exposures under the Capital Requirements Regulation (CRR2) is implemented<sup>5</sup>.

The assigned Capital score is aa3, a reflection of the strong capitalisation of the bank.

**Sound profitability commensurate with the bank's moderate risk profile**

Although low interest rates and increasing regulatory burden exert pressure on profits, we believe that ABN AMRO's profitability is sound and commensurate with the bank's moderate risk profile.

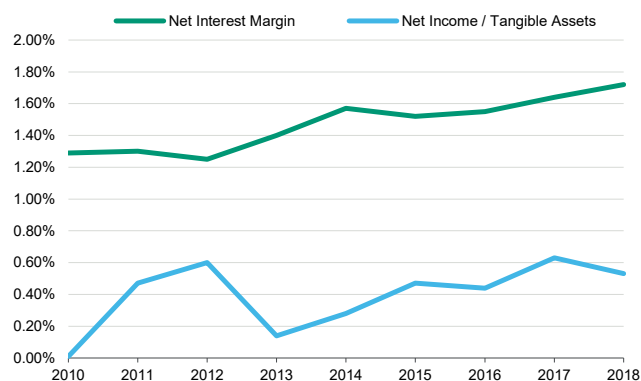
ABN AMRO was able to record strong net interest income in 2018, thanks to resilient margins and flat lending volumes. In addition, the bank managed to reduce its personnel expenses by about €150 million during the period and although costs linked to regulation and digital transformation continue to increase, operating expenses decreased by 4% year-on-year. The bank's operating result only slightly increased over the period (+1%). Net income decreased by 18% in 2018 due to an increase of loan loss charges to €665 million (24 basis points of gross customer loans) from a reversal of €63 million in 2017.

The results for the first quarter of 2019 are characterized by lower revenues, only partially offset by lower operating expenses and improved impairment charges. As a result, the net income for the quarter of €478 million was down 20% compared to Q1 2018<sup>6</sup>.

Exhibit 10

### Net interest margins supported net profits until now

Net interest margins (%) and Net income / Tangible assets (%)

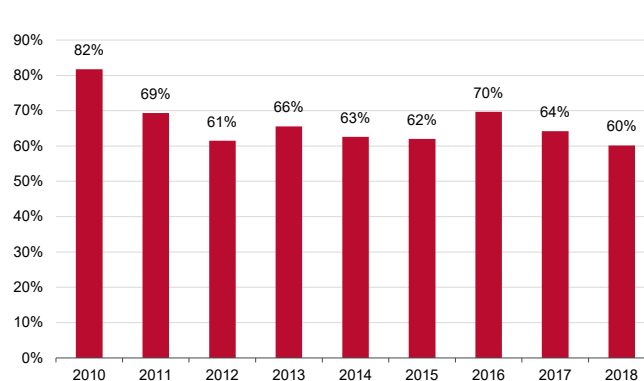


Note: adjusted figures in accordance with Moody's calculations and adjustments  
Source: Company reports, Moody's Investors Service

Exhibit 11

### Efficiency efforts are bearing significant results, but headwinds remain

Cost-to-income ratio (%)



Note: Cost-to-income ratios include regulatory levies  
Source: Company reports, Moody's Investors Service

As expected, net interest margins started to decline in 2019 and we expect them to keep falling due to the low interest rate environment. Although the bank is on track on its cost saving plan, with €740 million already realized out of the €1 billion target reduction of operating expenses by 2020, other costs will weigh on profits, including bank levies and external staff recruitment related to regulatory and IT projects. Nonetheless, the bank's cost-to-income ratio was 58.8% in 2018, on track with targets of cost-to-income ratios of 56-58% in 2020 and below 55% in 2022.

The assigned score of baa3 reflects the level of profitability achieved by the bank over the last three years, which we believe is indicative of the likely level of profitability over the next 12-18 months thanks a benign macroeconomic environment in the Netherlands.

ABN AMRO's financial profile is baa1, in line with the assigned BCA of the bank.

## Support and structural considerations

### Loss Given Failure analysis

ABN AMRO is subject to the EU Bank Recovery and Resolution Directive, which we consider to be an Operational Resolution Regime. In estimating loss-given-failure, we assume residual tangible common equity of 3% and losses post-failure of 8% of tangible banking assets, a proportion of deposits considered junior of 26%, a 25% run-off in junior wholesale deposits, a 5% run-off in preferred deposits and assign a 25% probability to deposits being preferred to senior unsecured debt. These are in line with our standard assumptions.

ABN AMRO's deposits are likely to face very low loss-given-failure, owing to the loss absorption provided by the combination of substantial deposit volume and subordination. This results in a two-notch uplift from the adjusted BCA.

ABN AMRO's senior unsecured debt is also likely to face very low loss-given-failure. This is supported by the combination of senior debt's own volume and the amount of subordination. This results in a two-notch uplift from the adjusted BCA.

For subordinated and junior securities, our LGF analysis indicates high loss-given-failure, given the small volume of debt and limited protection from more subordinated instruments and residual equity. We also incorporate additional notching for junior subordinated and preference share instruments reflecting the coupon features.

### Government support considerations

As we consider ABN AMRO to be a systemically important bank in the Netherlands, we believe there is a moderate probability of government support, resulting in a one-notch uplift for both the long-term deposit rating of A1 and senior unsecured debt rating of A1.

For subordinated and other junior securities, we continue to believe that the likelihood of government support is low and these ratings do not include any uplift. Junior securities also include additional downward notching from the adjusted BCA, reflecting coupon suspension risk ahead of a potential failure.

### Counterparty Risk Rating (CRR)

Moody's CRRs are opinions of the ability of entities to honour the uncollateralized portion of non-debt counterparty financial liabilities (CRR liabilities) and also reflect the expected financial losses in the event such liabilities are not honoured. CRR liabilities typically relate to transactions with unrelated parties. Examples of CRR liabilities include the uncollateralized portion of payables arising from derivatives transactions and the uncollateralized portion of liabilities under sale and repurchase agreements. CRRs are not applicable to funding commitments or other obligations associated with covered bonds, letters of credit, guarantees, servicer and trustee obligations, and other similar obligations that arise from a bank performing its essential operating functions.

#### ABN AMRO's CRR is positioned at Aa3/Prime-1.

The CRR for ABN AMRO, prior to government support, is three notches higher than the adjusted BCA of baa1, based on the level of subordination to CRR liabilities in the bank's balance sheet, and assuming a nominal volume of such liabilities. The CRR also benefits from one notch of government support, in line with our support assumptions on deposits and senior unsecured debt.

### Counterparty Risk Assessment (CRA)

CR Assessments are opinions of how counterparty obligations are likely to be treated if a bank fails and are distinct from debt and deposit ratings in that they (1) consider only the risk of default rather than both the likelihood of default and the expected financial loss suffered in the event of default and (2) apply to counterparty obligations and contractual commitments rather than debt or deposit instruments. The CR assessment is an opinion of the counterparty risk related to a bank's covered bonds, contractual performance obligations (servicing), derivatives (e.g., swaps), letters of credit, guarantees and liquidity facilities.

#### ABN AMRO's CR Assessment is positioned at Aa3(cr)/Prime-1(cr).

Prior to government support, the CR Assessment is positioned three notches above the Adjusted BCA of baa1, based on the buffer against default provided to the senior obligations represented by subordinated instruments subordinated to the senior obligations represented by the CR Assessment.

The CR Assessment also benefits from one notch of government support, in line with our support assumptions on deposits and senior unsecured debt. This reflects our view that any support provided by governmental authorities to a bank, which benefits senior unsecured debt or deposits, is very likely to benefit operating activities and obligations reflected by the CR Assessment as well, consistent with our belief that governments are likely to maintain such operations as a going concern in order to reduce contagion and preserve a bank's critical functions.

### About Moody's Bank Scorecard

Our scorecard is designed to capture, express and explain in summary form our Rating Committee's judgment. When read in conjunction with our research, a fulsome presentation of our judgment is expressed. As a result, the output of our scorecard may materially differ from that suggested by raw data alone (though it has been calibrated to avoid the frequent need for strong divergence). The scorecard output and the individual scores are discussed in rating committees and may be adjusted up or down to reflect conditions specific to each rated entity.



## Rating methodology and scorecard factors

Exhibit 12

ABN AMRO Bank N.V.

### Macro Factors

**Weighted Macro Profile**                      **Strong +**    **100%**

| Factor   | Historic Ratio | Macro Adjusted Score | Credit Trend | Assigned Score | Key driver #1            | Key driver #2                     |
|--|----------------|----------------------|--------------|----------------|--------------------------|-----------------------------------|
| Solvency   |                |                      |              |                |                          |                                   |
| Asset Risk   |                |                      |              |                |                          |                                   |
| Problem Loans / Gross Loans  | 2.6%           | a2                   | ↔            | a3             | Sector concentration     |                                   |
| Capital  |                |                      |              |                |                          |                                   |
| Tangible Common Equity / Risk Weighted Assets (Basel III - fully loaded) | 21.0%          | aa1                  | ↔            | aa3            | Nominal leverage         | Expected trend                    |
| Profitability  |                |                      |              |                |                          |                                   |
| Net Income / Tangible Assets   | 0.5%           | baa2                 | ↓            | baa3           | Expected trend           |                                   |
| Combined Solvency Score  |                | a1                   |              | a3             |                          |                                   |
| Liquidity  |                |                      |              |                |                          |                                   |
| Funding Structure  |                |                      |              |                |                          |                                   |
| Market Funds / Tangible Banking Assets                                   | 24.3%          | baa1                 | ↔            | baa2           | Term structure           | Extent of market funding reliance |
| Liquid Resources   |                |                      |              |                |                          |                                   |
| Liquid Banking Assets / Tangible Banking Assets                          | 25.3%          | a3                   | ↔            | baa1           | Quality of liquid assets |                                   |
| Combined Liquidity Score   |                | baa1                 |              | baa2           |                          |                                   |
| Financial Profile  |                |                      |              |                |                          |                                   |
| Qualitative Adjustments  |                |                      |              |                |                          |                                   |
|  |                |                      |              | Adjustment     |                          |                                   |
| Business Diversification   |                |                      |              | 0              |                          |                                   |
| Opacity and Complexity   |                |                      |              | 0              |                          |                                   |
| Corporate Behavior   |                |                      |              | 0              |                          |                                   |
| Total Qualitative Adjustments  |                |                      |              | 0              |                          |                                   |
| Sovereign or Affiliate constraint  |                |                      |              | Aaa            |                          |                                   |
| Scorecard Calculated BCA range   |                |                      |              | a3 - baa2      |                          |                                   |
| Assigned BCA   |                |                      |              | baa1           |                          |                                   |
| Affiliate Support notching   |                |                      |              | 0              |                          |                                   |
| Adjusted BCA   |                |                      |              | baa1           |                          |                                   |

| Balance Sheet                 | In-scope (EUR Million)   | % In-scope  | At failure (EUR Million)  | % At failure                           |                       |                     |                               |
|-------------------------------|--|---|---------------------------|--|-----------------------|---------------------|-------------------------------|
| Other liabilities             | 144,498  | 36.8%   | 126,989                   | 32.3%                                  |                       |                     |                               |
| Deposits                      | 236,699  | 60.2%   | 212,556                   | 54.1%                                  |                       |                     |                               |
| Preferred deposits            | 175,157  | 44.6%   | 166,399                   | 42.3%                                  |                       |                     |                               |
| Junior Deposits               | 61,542   | 15.7%   | 46,156                    | 11.7%                                  |                       |                     |                               |
| Senior unsecured bank debt    |  |   | 31,848                    | 8.1%                                   |                       |                     |                               |
| Dated subordinated bank debt  |  |   | 9,805                     | 2.5%                                   |                       |                     |                               |
| Equity                        | 11,790   | 3.0%  | 11,790                    | 3.0%                                   |                       |                     |                               |
| Total Tangible Banking Assets | 392,987  | 100.0%  | 392,987                   | 100.0%                                 |                       |                     |                               |
| Debt Class                    | De jure waterfall Instrument Sub-volume + ordination subordination | De facto waterfall Instrument Sub-volume + ordination subordination | Notching De jure De facto | LGF Notching Guidance vs. Adjusted BCA | Assigned LGF notching | Additional notching | Preliminary Rating Assessment |
| Counterparty Risk Rating      | 25.3%  | 25.3%   | 3 3                       | 3 3                                    | 3 3                   | 0                   | a1                            |

|                              |       |       |       |       |    |    |    |    |   |        |
|------------------------------|-------|-------|-------|-------|----|----|----|----|---|--------|
| Counterparty Risk Assessment | 25.3% | 25.3% | 25.3% | 25.3% | 3  | 3  | 3  | 3  | 0 | a1(cr) |
| Deposits                     | 25.3% | 5.5%  | 25.3% | 13.6% | 2  | 3  | 2  | 2  | 0 | a2     |
| Senior unsecured bank debt   | 25.3% | 5.5%  | 13.6% | 5.5%  | 2  | 1  | 2  | 2  | 0 | a2     |
| Dated subordinated bank debt | 5.5%  | 3.0%  | 5.5%  | 3.0%  | -1 | -1 | -1 | -1 | 0 | baa2   |

| Instrument Class             | Loss Given<br>Failure notching | Additional<br>notching | Preliminary Rating<br>Assessment | Government<br>Support notching | Local Currency rating | Foreign<br>Currency<br>rating |
|------------------------------|--------------------------------|------------------------|----------------------------------|--------------------------------|-----------------------|-------------------------------|
| Counterparty Risk Rating     | 3                              | 0                      | a1                               | 1                              | Aa3                   | Aa3                           |
| Counterparty Risk Assessment | 3                              | 0                      | a1(cr)                           | 1                              | Aa3(cr)               |                               |
| Deposits                     | 2                              | 0                      | a2                               | 1                              | A1                    | A1                            |
| Senior unsecured bank debt   | 2                              | 0                      | a2                               | 1                              | A1                    | A1                            |
| Dated subordinated bank debt | -1                             | 0                      | baa2                             | 0                              | Baa2                  | Baa2                          |

[1]Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information.

Source: Moody's Investors Service

## Ratings

Exhibit 13

| Category                             | Moody's Rating  |
|--------------------------------------|-----------------|
| <b>ABN AMRO BANK N.V.</b>            |                 |
| Outlook                              | Stable          |
| Counterparty Risk Rating             | Aa3/P-1         |
| Bank Deposits                        | A1/P-1          |
| Baseline Credit Assessment           | baa1            |
| Adjusted Baseline Credit Assessment  | baa1            |
| Counterparty Risk Assessment         | Aa3(cr)/P-1(cr) |
| Issuer Rating                        | A1              |
| Senior Unsecured                     | A1              |
| Subordinate                          | Baa2            |
| Pref. Stock Non-cumulative -Dom Curr | Ba1 (hyb)       |
| Commercial Paper -Dom Curr           | P-1             |
| Other Short Term                     | (P)P-1          |

Source: Moody's Investors Service

## Endnotes

- In Q1 2018, ECT was reorganised into new lending sectors named Global Transportation and Logistics (GTL), Natural Resources and Trade and Commodity Finance (TCF)
- The 11.8% CET1 requirement includes 4.50% (Pillar 1), 1.75% of Pillar 2 requirement, 2.5% of capital conservation buffer; 3% of systematic risk buffer and the counter-cyclical buffer.
- On total RWAs of €104 billion at end-September 2018.
- The regulatory Tier 1 leverage ratio will improve by 20 bps with the legal merger of ABN AMRO Group into ABN AMRO Bank, which became effective on 29 June 2019.
- The proposed change will result in a decrease in the exposure measure for ABN AMRO's clearing activities
- For a more precise analysis of the Q1 2019 results, please refer to this [issuer comment](#).

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