

TICS REPORT - MORGAN STANLEY INTERNATIONAL PLC: DATA AS AT 03 JANUARY 2019

Morgan Stanley International plc

| | TICS CODE | TICS FACTOR | ANGLE | STATUS | MS DATA | BEST | WORST | AVERAGE | TICS FACTOR RANK (OUT OF 39) | TICS CATEGORY RANK (OUT OF 39) | |
|----------------------|----------------------------|-----------------------|-------------------------------|------------|-----------|------------|--------------|---------------|------------------------------|--------------------------------|-----|
| TICS CATEGORY | CREDIT RATINGS | CR:F1 | STANDARD & POOR'S L/T RATING | FORWARD | VIEW | A+ | AA- STABLE | BBB- POSITIVE | A- POSITIVE | 4 | 8 |
| | | CR:F2 | STANDARD & POOR'S OUTLOOK | FORWARD | VIEW | STABLE | | | | | |
| | | CR:F3 | MOODY'S L/T RATING | FORWARD | VIEW | A1 | Aa3 STABLE | Baa3 STABLE | A2 NEGATIVE | 5 | |
| | | CR:F4 | MOODY'S OUTLOOK | FORWARD | VIEW | STABLE | | | | | |
| | | CR:F5 | FITCH L/T RATING | FORWARD | VIEW | NULL | AA STABLE | BBB NEGATIVE | A POSITIVE | N/A | |
| | | CR:F6 | FITCH OUTLOOK | FORWARD | VIEW | NULL | | | | | |
| | CDS | CDS:F1 | 5 YEAR CDS | PREVAILING | INDICATOR | N/A | 29.14 | 192.40 | 81.16 | N/A | N/A |
| | | CDS:F2 | 1 YEAR CDS | PREVAILING | INDICATOR | N/A | 8.62 | 138.18 | 35.78 | N/A | |
| | | CDS:F3 | 5 YEAR CDS DIRECTION | BACKWARD | INDICATOR | N/A | 0.00% | 302.73% | 137.38% | N/A | |
| | | CDS:F4 | 5 YEAR CDS VOLATILITY | BACKWARD | INDICATOR | N/A | 0.00% | 91.20% | 50.71% | N/A | |
| | BALANCE SHEET | FBS:F1 | TIER 1 CAP RATIO | HISTORIC | FACT | 12.80% | 23.90% | 12.80% | 18.03% | 38 | 37 |
| | | FBS:F2 | LEVERAGE RATIO (ASSET/EQTY) | HISTORIC | FACT | 3.80 | 3.80 | 30.70 | 16.33 | 1 | |
| | | FBS:F3 | LOAN-TO-DEPOSIT RATIO | HISTORIC | FACT | N/A | 12.60 | 187.26 | 85.41 | N/A | |
| | | FBS:F4 | PRICE-TO-BOOK RATIO (Bps) | HISTORIC | FACT | N/A | 0.22 | 2.24 | 0.76 | N/A | |
| | | FBS:F5 | TIER 1 CAPITAL SIZE (\$Bn) | HISTORIC | FACT | 17.00 | 324.13 | 2.46 | 94.25 | 35 | |
| | | FBS:F6 | TOTAL ASSETS (\$Bn) | HISTORIC | FACT | 461.40 | 3,795.66 | 64.56 | 1,386.61 | 34 | |
| | MARKET INDICATORS | FMI:F1 | MARKET CAPITALISATION (\$Bn) | PREVAILING | INDICATOR | N/A | 330.25 | 5.74 | 78.34 | N/A | N/A |
| | | FMI:F2 | SHARE PRICE VOLATILITY (260d) | BACKWARD | INDICATOR | N/A | 12.01 | 33.13 | 23.38 | N/A | |
| | | FMI:F3 | SHARE PRICE BETA | BACKWARD | INDICATOR | N/A | 0.59 | 1.81 | 1.21 | N/A | |
| | | FMI:F4 | SHARE PRICE DIRECTION | BACKWARD | INDICATOR | N/A | 85.43% | 42.16% | 65.11% | N/A | |
| | | FMI:F5 | ANALYST'S RECOMMENDATIONS | FORWARD | VIEW | N/A | BUY | SELL | BUY | N/A | |
| | SYSTEMIC IMPORTANCE | SI:F1 | G-SIB STATUS | PREVAILING | FACT | N | Y | N | Y | N/A | 37 |
| | | SI:F2 | G-SIBADD TIER1 CAP RATIO REQ | PREVAILING | FACT | N/A | 2.50% | 1.00% | 1.00% | N/A | |
| | | SI:F3 | TOTAL DEPOSITS (\$Bn) | HISTORIC | FACT | N/A | 3,171.17 | 17.93 | 878.66 | N/A | |
| SI:F4 | | SOVEREIGN S&P RATING | HISTORIC | FACT | AA | | | | | | |
| SI:F5 | | SOVEREIGN S&P OUTLOOK | FORWARD | VIEW | NEGATIVE | AAA STABLE | BBB NEGATIVE | AA NEGATIVE | 21 | | |
| SI:F6 | | NO. OF EMPLOYEES | PREVAILING | FACT | 327 | 487.307 | 327 | 124.013 | 40 | | |

Source: Tempo Structured Products | Thomson Reuters | FT Banker Database | Issuers, 03 DEC 2018.

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