

## ANZ-ROY MORGAN TAIWAN CONSUMER CONFIDENCE

25 AUGUST 2015

### CONTRIBUTORS

For further comments:

**Raymond Yeung**  
**Senior Economist**  
 +852-3918-7733  
 Raymond.Yeung@anz.com

**Louis Lam**  
**Economist**  
 +852-3918-7732  
 Louis.Lam@anz.com

You can find the ANZ-Roy Morgan Consumer Confidence series on Bloomberg:

CN: ALLX CHOANZ <GO>  
 ID: ALLX IDANZ <GO>  
 IN: ALLX IANZ <GO>  
 HK: ALLX HKANZ <GO>  
 SG: ALLX SIANZ <GO>  
 SK: ALLX SKANZ <GO>  
 TH: ALLX THANZ <GO>  
 TW: ALLX TWANZ <GO>  
 VN: ALLX VNANZ <GO>  
 AU: ALLX AUANZ <GO>  
 NZ: ALLX NZANZ <GO>

Previous ANZ-Roy Morgan Consumer Confidence reports for Australia and other countries can be accessed on ANZ Live.

### TAIWAN CONSUMER CONFIDENCE HOLDS UP IN AUGUST

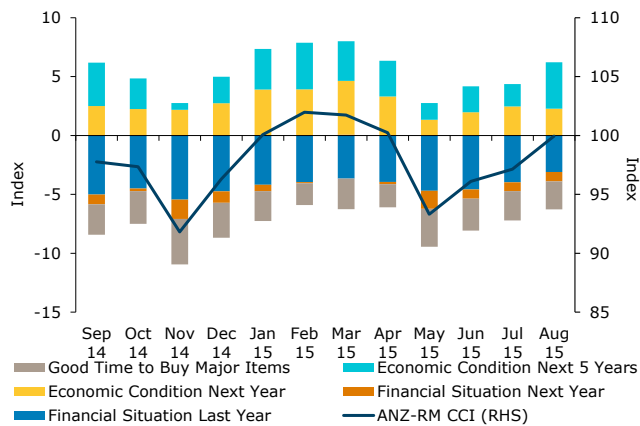
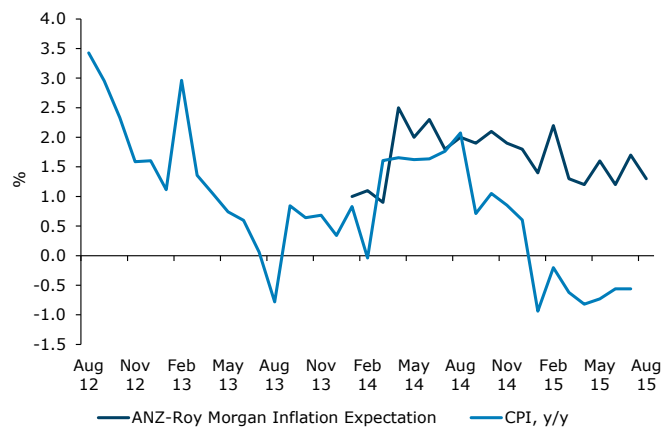
#### HIGHLIGHTS

- ANZ-Roy Morgan Taiwan Consumer Confidence edged up to 99.9 (up 2.8pts) in August. The rise in headline index was primarily contributed by the sub-indices of current financial situations and long-term confidence in the Taiwanese economy.
- In terms of personal finances, 9.2% (up 1.6ppts) of respondents said their families are 'better off' financially than this time last year, compared with 24.7% (down 2.8ppts) that said their families are 'worse off' (the lowest figure ever recorded).
- 13.4% (up 0.6ppt) of respondents expect that their families will be 'better off' financially this time next year, compared with 17.4% (up 0.9ppt) expect that their families will be 'worse off' financially (the lowest figure ever recorded).
- In addition, 29.9% (down 2.6ppts) of respondents expect that Taiwan will have 'good times' economically over the next 12 months, while 18.5% (down 1.7ppt) of respondents expect 'bad times' economically.
- A third of respondents, 33.5% (up 6.8ppts), expect that Taiwan will have 'good times' economically during the next five years and just 13.8% (down 3.4ppts) of respondents expect that Taiwan will have 'bad times' economically (the lowest figure ever recorded).
- Only 9.8% (down 0.8ppt) of respondents say now is a 'good time to buy' major household items in Taiwan while 21.7% (down 1.4ppt) of respondents say now is a 'bad time to buy' major household items (the lowest figure ever recorded).
- The inflation expectations declined to 1.3% in August (down 0.4ppt).

#### ANZ'S SENIOR ECONOMIST RAYMOND YEUNG SAID:

"Although August's figure has edged up, we are still cautious about the prospective releases. Taiwan's stock market index has dropped sharply in the fresh round of global equity sell-off and the event happened after our survey closed. We believe that households will spend cautiously due to financial market volatility.

More importantly, exports and industrial production have declined in recent months, clouding Taiwan's growth prospect in the near term. As the economic condition has deteriorated very rapidly, we believe that the central bank has shifted its monetary policy stance from neutral to more accommodative, expressed through open market operation and declining overnight interbank rate."

**FIGURE 1. ANZ-ROY MORGAN TAIWAN CONSUMER CONFIDENCE INDEX****FIGURE 2. ANZ-ROY MORGAN TAIWAN INFLATION EXPECTATION VS CPI**

Source: Roy Morgan, ANZ Research

**FIGURE 3. ANZ-ROY MORGAN TAIWAN CONSUMER CONFIDENCE**

		Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15
<b>ANZ-Roy Morgan Consumer Confidence Index</b>		<b>101.7</b>	<b>100.2</b>	<b>93.3</b>	<b>96.1</b>	<b>97.1</b>	<b>99.9</b>
<b>Sub-Index</b>							
<b>1. Financial situation compared with a year ago</b>	Balance	-18.3	-19.7	-23.5	-22.9	-19.9	-15.5
	Better off, %	11.2	8.0	6.7	7.8	7.6	9.2
	Worse off, %	29.5	27.7	30.2	30.7	27.5	24.7
<b>2. Financial situation next year</b>	Balance	0.4	-1.0	-7.6	-3.9	-3.7	-4.0
	Better off, %	19.0	16.8	13.1	14.1	12.8	13.4
	Worse off, %	18.6	17.8	20.7	18.0	16.5	17.4
<b>3. Economic conditions next year</b>	Balance	22.8	16.6	6.7	9.9	12.3	11.4
	Good, %	40.2	34.7	28.3	29.9	32.5	29.9
	Bad, %	17.4	18.1	21.6	20.0	20.2	18.5
<b>4. Economic conditions next 5 years</b>	Balance	16.8	15.1	7.1	11.0	9.5	19.7
	Good, %	32.9	29.1	25.1	27.0	26.7	33.5
	Bad, %	16.1	14.0	18.0	16.0	17.2	13.8
<b>5. Now a good time/bad time to buy major items</b>	Balance	-13.0	-9.8	-16.1	-13.6	-12.5	-11.9
	Good, %	13.2	14.0	9.9	11.2	10.6	9.8
	Bad, %	26.2	23.8	26.0	24.8	23.1	21.7
<b>Inflation expectation</b>	%	1.3	1.2	1.6	1.2	1.7	1.3

Source: Roy Morgan, ANZ Research

## OBJECTIVE

ANZ-Roy Morgan Consumer Confidence Survey is a survey of Taiwan's consumer sentiment and expectations. The results are presented in the form of a headline Consumer Confidence Index and Inflation Expectation. Conventionally, economists rely on 'hard' economic data, such as retail sales, in assessing the sentiment of households. However, there are often time lags between the collection and release of data by the national statistical authorities. Therefore, ANZ and Roy Morgan develop this consumer confidence index and aim to release the results in the same month the survey is conducted.

## DATA COLLECTION

The survey elicits respondents' expectation of inflation and prices. Data are collected from samples of at least 1,000 people per month (12,000 per annum) by telephone. The robust, representative sample is quota-controlled by gender and age. Disaggregation is available by age, gender, household income, occupation, education, employment status and area.

## SURVEY QUESTIONS

As opposed to other consumer sentiment surveys, one distinctive feature of the ANZ-Roy Morgan survey is its elicitation technique. More importantly, the questions ask about confidence in economic and financial situations – not about feelings. In the core consumer confidence survey, five categories of core questions such as economic wellbeing, financial conditions, price level, and inflation expectation are being asked.

## CONSUMER CONFIDENCE INDEX

ANZ-Roy Morgan Consumer Confidence Index is a diffusion index. The index indicates the relative strength of 'good' versus 'bad' or 'better off' versus 'worse off'. The index is computed through taking the arithmetic mean of the net balances (% saying good minus % saying bad) of the five core questions and adding 100. It is a very transparent methodology. As the study is conducted consistently in every data collection, the change of the index can provide a good gauge of consumer confidence over time.

## ANZ'S PARTNERSHIP WITH ROY MORGAN

Roy Morgan Research is one of the best known and oldest market research companies in Asia-Pacific, with an unparalleled reputation for reliable, accurate, meaningful, and revealing market research. With more than 70 years' experience tracking most social trends in the region, and the global recognition they have received for pioneering numerous new research methodologies, it makes Roy Morgan the perfect partner for ANZ in the Asia Pacific region. They offer a unique combination of rigorous and robust systems, which have been tested, refined and proven over almost three quarters of a century to ensure an absolute commitment to accuracy, truth and transparency meaning that Roy Morgan matters.

The distribution of this document or streaming of this video broadcast (as applicable, "publication") may be restricted by law in certain jurisdictions. Persons who receive this publication must inform themselves about and observe all relevant restrictions. **Disclaimer for all jurisdictions, where content is authored by ANZ Research:** Except if otherwise specified below, this publication is issued and distributed in your country/region by Australia and New Zealand Banking Group Limited (ABN 11 005 357 522) ("ANZ"), on the basis that it is only for the information of the specified recipient or permitted user of the relevant website (collectively, "recipient"). This publication may not be reproduced, distributed or published by any recipient for any purpose. It is general information and has been prepared without taking into account the objectives, financial situation or needs of any person. Nothing in this publication is intended to be an offer to sell, or a solicitation of an offer to buy, any product, instrument or investment, to effect any transaction or to conclude any legal act of any kind. If, despite the foregoing, any services or products referred to in this publication are deemed to be offered in the jurisdiction in which this publication is received or accessed, no such service or product is intended for nor available to persons resident in that jurisdiction if it would be contradictory to local law or regulation. Such local laws, regulations and other limitations always apply with non-exclusive jurisdiction of local courts. Certain financial products may be subject to mandatory clearing, regulatory reporting and/or other related obligations. These obligations may vary by jurisdiction and be subject to frequent amendment. Before making an investment decision, recipients should seek independent financial, legal, tax and other relevant advice having regard to their particular circumstances. The views and recommendations expressed in this publication are the author's. They are based on information known by the author and on sources which the author believes to be reliable, but may involve material elements of subjective judgement and analysis. Unless specifically stated otherwise: they are current on the date of this publication and are subject to change without notice; and, all price information is indicative only. Any of the views and recommendations which comprise estimates, forecasts or other projections, are subject to significant uncertainties and contingencies that cannot reasonably be anticipated. On this basis, such views and recommendations may not always be achieved or prove to be correct. Indications of past performance in this publication will not necessarily be repeated in the future. No representation is being made that any investment will or is likely to achieve profits or losses similar to those achieved in the past, or that significant losses will be avoided. Additionally, this publication may contain 'forward looking statements'. Actual events or results or actual performance may differ materially from those reflected or contemplated in such forward looking statements. All investments entail a risk and may result in both profits and losses. Foreign currency rates of exchange may adversely affect the value, price or income of any products or services described in this publication. The products and services described in this publication are not suitable for all investors, and transacting in these products or services may be considered risky. ANZ and its related bodies corporate and affiliates, and the officers, employees, contractors and agents of each of them (including the author) ("Affiliates"), do not make any representation as to the accuracy, completeness or currency of the views or recommendations expressed in this publication. Neither ANZ nor its Affiliates accept any responsibility to inform you of any matter that subsequently comes to their notice, which may affect the accuracy, completeness or currency of the information in this publication. Except as required by law, and only to the extent so required: neither ANZ nor its Affiliates warrant or guarantee the performance of any of the products or services described in this publication or any return on any associated investment; and, ANZ and its Affiliates expressly disclaim any responsibility and shall not be liable for any loss, damage, claim, liability, proceedings, cost or expense ("Liability") arising directly or indirectly and whether in tort (including negligence), contract, equity or otherwise out of or in connection with this publication. If this publication has been distributed by electronic transmission, such as e-mail, then such transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. ANZ and its Affiliates do not accept any Liability as a result of electronic transmission of this publication. ANZ and its Affiliates may have an interest in the subject matter of this publication as follows: They may receive fees from customers for dealing in the products or services described in this publication, and their staff and introducers of business may share in such fees or receive a bonus that may be influenced by total sales. They or their customers may have or have had interests or long or short positions in the products or services described in this publication, and may at any time make purchases and/or sales in them as principal or agent. They may act or have acted as market-maker in products described in this publication.

ANZ and its Affiliates may rely on information barriers and other arrangements to control the flow of information contained in one or more business areas within ANZ or within its Affiliates into other business areas of ANZ or of its Affiliates. Please contact your ANZ point of contact with any questions about this publication including for further information on these disclosures of interest. **Country/region specific information: Australia.** This publication is distributed in Australia by ANZ. ANZ holds an Australian Financial Services licence no. 234527. A copy of ANZ's Financial Services Guide is available at

<http://www.anz.com/documents/AU/aboutANZ/FinancialServicesGuide.pdf> and is available upon request from your ANZ point of contact.

If trading strategies or recommendations are included in this publication, they are solely for the information of 'wholesale clients' (as defined in section 761G of the Corporations Act 2001 Cth). Persons who receive this publication must inform themselves about and observe all relevant restrictions. **Brazil.** This publication is distributed in Brazil by ANZ on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this publication, and no securities have been and will not be registered with the Securities Commission - CVM. **Brunei. Japan. Kuwait. Malaysia. Switzerland. Taiwan.** This publication is distributed in each of Brunei, Japan, Kuwait, Malaysia, Switzerland and Taiwan by ANZ on a cross-border basis. **Cambodia.** APS222 Disclosure. The recipient acknowledges that although ANZ Royal Bank (Cambodia) Ltd. is a subsidiary of ANZ, it is a separate entity to ANZ and the obligations of ANZ Royal Bank (Cambodia) Ltd. do not constitute deposits or other liabilities of ANZ and ANZ is not required to meet the obligations of ANZ Royal Bank (Cambodia) Ltd. **European Economic Area ("EEA"): United Kingdom.** ANZ in the United Kingdom is authorised by the Prudential Regulation Authority ("PRA"). Subject to regulation by the Financial Conduct Authority ("FCA") and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request. This publication is distributed in the United Kingdom by ANZ solely for the information of persons who would come within the FCA definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the PRA and the FCA. **Germany.** This publication is distributed in Germany by the Frankfurt Branch of ANZ solely for the information of its clients. **Other EEA countries.** This publication is distributed in the EEA by ANZ Bank (Europe) Limited ("ANZBEL") which is authorised by the PRA and regulated by the FCA and the PRA in the United Kingdom, to persons who would come within the FCA definition of "eligible counterparty" or "professional client" in other countries in the EEA. This publication is distributed in those countries solely for the information of such persons upon their request. It is not intended for, and must not be distributed to, any person in those countries who would come within the FCA definition of "retail client". **Fiji.** For Fiji regulatory purposes, this publication and any views and recommendations are not to be deemed as investment advice. Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this publication. **Hong Kong.** This publication is distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this publication have not been reviewed by any regulatory authority in Hong Kong. If in doubt about the contents of this publication, you should obtain independent professional advice. **India.** This publication is distributed in India by ANZ on a cross-border basis. If this publication is received in India, only you (the specified recipient) may print it provided that before doing so, you specify on it your name and place of printing. Further copying or duplication of this publication is strictly prohibited.

**Myanmar.** This publication is intended to be of a general nature as part of customer service and marketing activities provided by ANZ in the course of implementing its functions as a licensed bank. This publication does not take into account your financial situation or goals and is not Securities Investment Advice (as that term is defined in the Myanmar Securities Transaction Law 2013). The contents of this publication have not been reviewed by any regulatory authority in Myanmar. If in doubt about the contents of this publication, you should obtain independent professional advice. **New Zealand.** This publication is intended to be of a general nature, does not take into account your financial situation or goals, and is not a personalised adviser service under the Financial Advisers Act 2008. **Oman.** This publication has been prepared by ANZ. ANZ neither has a registered business presence nor a representative office in Oman and does not undertake banking business or provide financial services in Oman. Consequently ANZ is not regulated by either the Central Bank of Oman or Oman's Capital Market Authority. The information contained in this publication is for discussion purposes only and neither constitutes an offer of securities in Oman as contemplated by the Commercial Companies Law of Oman (Royal Decree 4/74) or the Capital Market Law of Oman (Royal Decree 80/98), nor does it constitute an offer to sell, or the solicitation of any offer to buy non-Omani securities in Oman as contemplated by Article 139 of the Executive Regulations to the Capital Market Law (issued vide CMA Decision 1/2009). ANZ does not solicit business in Oman and the only circumstances in which ANZ sends information or material describing financial products or financial services to recipients in Oman, is where such information or material has been requested from ANZ and by receiving this publication, the person or entity to whom it has been dispatched by ANZ understands, acknowledges and agrees that this publication has not been approved by the CBO, the CMA or any other regulatory body or authority in Oman. ANZ does not market, offer, sell or distribute any financial or investment products or services in Oman and no subscription to any securities, products or financial services may or will be consummated within Oman. Nothing contained in this publication is intended to constitute Omani investment, legal, tax, accounting or other professional advice. **People's Republic of China ("PRC").** Recipients must comply with all applicable laws and regulations of PRC, including any prohibitions on speculative transactions and CNY/CNH arbitrage trading. If and when the material accompanying this document is distributed by Australia and New Zealand Banking Group Limited (ABN 11 005 357 522) ("ANZ") or an affiliate (other than Australia and New Zealand Bank (China) Company Limited ("ANZ C")), the following statement and the text below is applicable: No action has been taken by ANZ or any affiliate which would permit a public offering of any products or services of such an entity or distribution or re-distribution of this document in the PRC. Accordingly, the products and services of such entities are not being offered or sold within the PRC by means of this document or any other document. This document may not be distributed, re-distributed or published in the PRC, except under circumstances that will result in compliance with any applicable laws and regulations. If and when the material accompanying this document relates to the products and/or services of ANZ C, the following statement and the text below is applicable: This document is distributed by ANZ C in the Mainland of the PRC. **Qatar.** This publication has not been, and will not be: lodged or registered with, or reviewed or approved by, the Qatar Central Bank ("QCB"), the Qatar Financial Centre ("QFC") Authority, QFC Regulatory Authority or any other authority in the State of Qatar ("Qatar"); or authorised or licensed for distribution in Qatar, and the information contained in this publication does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC. The financial products or services described in this publication have not been & will not be: registered with the QCB, QFC Authority, QFC Regulatory Authority or any other governmental authority in Qatar; or authorised or licensed for offering, marketing, issue or sale, directly or indirectly, in Qatar. Accordingly, the financial products or services described in this publication are not being, and will not be, offered, issued or sold in Qatar, and this publication is not being, and will not be, distributed in Qatar. The offering, marketing, issue and sale of the financial products or services described in this publication and distribution of this publication is being made in, and is subject to the laws, regulations and rules of, jurisdictions outside of Qatar and the QFC. Recipients of this publication must abide by this restriction and not distribute this publication in breach of this restriction. This publication is being sent/issued to a limited number of institutional and/or sophisticated investors (i) upon their request and confirmation that they understand the statements above; and (ii) on the condition that it will not be provided to any person other than the original recipient, and is not for general circulation and may not be reproduced or used for any other purpose. **Singapore.** This publication is distributed in Singapore by the Singapore branch of ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 of Singapore. In respect of any matters arising from, or in connection with the distribution of this publication in Singapore, contact your ANZ point of contact. **United Arab Emirates.** This publication is distributed in the United Arab Emirates ("UAE") or the Dubai International Financial Centre (as applicable) by ANZ. This publication: does not, and is not intended to constitute an offer of securities anywhere in the UAE; does not constitute, and is not intended to constitute the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the United Arab Emirates, the Emirates Securities and Commodities Authority or the United Arab Emirates Ministry of Economy; does not, and is not intended to constitute an offer of securities within the meaning of the Dubai International Financial Centre Markets Law No. 12 of 2004; and, does not constitute, and is not intended to constitute, a financial promotion, as defined under the Dubai International Financial Centre Regulatory Law No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority ("DFSA"). The financial products or services described in this publication are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules. In addition, ANZ has a representative office ("ANZ Representative Office") in Abu Dhabi regulated by the Central Bank of the United Arab Emirates. ANZ Representative Office is not permitted by the Central Bank of the United Arab Emirates to provide any banking services to clients in the UAE. **United States.** If and when this publication is received by any person in the United States or a "U.S. person" (as defined in Regulation S under the US Securities Act of 1933, as amended) ("US Person") or any person acting for the account or benefit of a US Person, it is noted that ANZ Securities, Inc. ("ANZ S") is a member of FINRA ([www.finra.org](http://www.finra.org)) and registered with the SEC. ANZ S' address is 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). Except where this is a FX- related or commodity-related publication, this publication is distributed in the United States by ANZ S (a wholly owned subsidiary of ANZ), which accepts responsibility for its content. Information on any securities referred to in this publication may be obtained from ANZ S upon request. Any US Person receiving this publication and wishing to effect transactions in any securities referred to in this publication must contact ANZ S, not its affiliates. Where this is an FX- related or commodity-related publication, it is distributed in the United States by ANZ's New York Branch, which is also located at 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). Commodity-related products are not insured by any U.S. governmental agency, and are not guaranteed by ANZ or any of its affiliates. Transacting in these products may involve substantial risks and could result in a significant loss. You should carefully consider whether transacting in commodity-related products is suitable for you in light of your financial condition and investment objectives. ANZ S is authorised as a broker-dealer only for US Persons who are institutions, not for US Persons who are individuals. If you have registered to use this website or have otherwise received this publication and are a US Person who is an individual: to avoid loss, you should cease to use this website by unsubscribing or should notify the sender and you should not act on the contents of this publication in any way. **Vietnam.** This publication is distributed in Vietnam by ANZ or ANZ Bank (Vietnam) Limited, a subsidiary of ANZ. Please note that the contents of this publication have not been reviewed by any regulatory authority in Vietnam. If you are in any doubt about any of the contents of this publication, you should obtain independent professional advice.