



## China Economic Panel (CEP)

// February 2017

Results of the February survey in detail

## Expectations for Chinese Economy Improve Slightly

According to the current survey for February (conducted between 31 January 2017 and 17 February 2017), the economic outlook for China has improved slightly. The CEP Indicator, which reflects the expectations of international financial market experts regarding China's macroeconomic development over the coming twelve months, has risen by 1.7 points compared to the previous month to a current total of minus 4.2 points. This falls far below the current long-term average of 4.8 points.





Experts have a more favourable view of the current situation. The corresponding indicator rose by 1.9 points to a level of 4.3 points. This is higher than the previous average of minus 5.5 points.

figure 1: CEP Indicator February 2017

source: ZEW/Fudan

This combination of expectations and an assessment of the current situation paints a moderately positive view of China's economic situation.

## **ZEW**

## China Economic Panel (CEP) February 2017

This marginally improved economic outlook could be the result of renewed more favourable assessments of China's exports. The indicator for export expectations climbed by ten points to reach a new level of 25.8 points. At 42.5 points, however, domestic consumption is still assessed more favourably.

Just as it was in January this year, annual growth for 2017 is predicted to be at a level of 6.5 per cent, whereas the predicted growth for 2018 has decreased by 0.1 percentage point to 6.3 per cent.

Experts again anticipate an upward trend in property prices across almost all regions included in the survey. Pricing pressure seems to be particularly severe in Shanghai and Beijing. In keeping with these pricing expectations, the economic expectations for the construction sector are once again slightly more positive. However, the construction sector still comes in last overall out of all sectors considered in the survey.



China		ZEW/Fudan C											
Seconomic expectation (1 y)	Current economic situation												
Improve   Septiminary   Sept													(+ 1.9
District			( )		( ,		(,		(,		(		(
190   190													
Part	1			30.6	` ′		(+12.2)	27.8	` ′	5.6	(+ 5.6)		(+ 1.7
Mathem (Filt)   Mathem (Filt					2								
Millong (CFI) in 1%													
12-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	JSA		1.9			2.0			2.1			2.2	
Marcest Interest In	Inflation (CPI) in %			3 mo	nths					1 y	ear		
Marcel rates	China												
HEBOR ( morths)	JSA			2.2(1	.8)					2.4 (2	.0)		
16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   16   15   15	nterest rates			3 mo	nths					1 y	ear		
1	SHBOR (3 months)			3.9 (3.	.3)					3.9 (3	.3)		
	One-year deposit rate			1.5(1	.5)					1.6 (1	.5)		
SEC composite Index   3,002 (3,229)   3,446 (1,489)   3,456 (1,789)   3,456 (1,789)   3,456 (1,789)   3,470 (1,000)   3,270 (1,000)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,799)   3,465	One-year lending rate			4.4(4	.4)					4.4 (4	.3)		
SEC composite Index   3,002 (3,229)   3,446 (1,489)   3,456 (1,789)   3,456 (1,789)   3,456 (1,789)   3,470 (1,000)   3,270 (1,000)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,789)   3,465 (1,799)   3,465	Stock market indices			3 mo	nths					1 v	rear		
samp Samp Index (\$22) are large larg				3.202 (3.	.228)					3.436 (3	.469)		
Second coll (Lis Collam)   Second Content and Second Collaborate Content and Second Content and Second Collaborate Collab				23.572(2	2.021)				:				
Second coll (Lis Collam)   Second Content and Second Collaborate Content and Second Content and Second Collaborate Collab	Growth Enterprise Market Index (SZ)			1.412 (1	.619)					1.466 (1	.768)		
Seed													
Seed	Jonetary aggregate M2 (6 M)	incr	ease s	slightly i	increase	not_cl	hange s	lightly (	lecreas <u>e</u>	deci	ease	ba	lance
1   1   1   1   1   1   1   1   1   1													(-4.
oreign exchange reserves  3.0 (+3.0) 9.1 (+6.7) 9.1 (+3.8) 48.5 (+4.1) 3.03 (+4.0) 47.0 (+2.0) 1.00 untilove (and China)  19.4 (+1.0) 51.6 (+4.2) 16.1 (+0.4) 41.2 (+0.3) 0.0 (+5.3) 3.8 (+8.8) (+9.0) 1.00 untilove (and China)  3.3 (+4.9) 57.6 (+7.8) 27.3 (+1.15) 12.1 (+6.3) 0.0 (+7.9) 25.8 (+1.15) 12.1 (+0.15) 12.1	Specific indicators China (1 Y)	incr	, ,	sliahtly i	increase	not c	hange s	liahtly (	lecrease	deci	ease	ha	lance
Dicinflow (rot of Chran)   194   (+1.0)   51.5   (+3.2)   16.1   (+0.4)   12.9   (-0.3)   0.0   (-5.3)   38.8   (+0.2)   (-0.2)													
Dinthow (nino China)  3.3 (-2.0) 2.0 0.0 (-16.6) 43.3 (+19.6) 26.7 (+0.4) 6.7 (-1.2) 6.8 (-9.6) 6.9 (-9.4) 6.9 (-1.2) 6.8 (-9.6) 6.9 (-9.4) 6.9 (-7.9) 2.5 (-7.9) 2.5													
Separt activity   3.0   (-4.9)   57.6   (+7.6)   27.3   (+11.5)   12.1   (-6.3)   0.0   (-7.9)   25.8   (-11.6)   (-1.1)   (-1.													
Page   California   Section   Sect			,,		, ,		,		,,		, , , , ,		
Semantic consumption   15.2   3.2   63.6   4.80   18.1   (-8.3)   6.1   (+3.5)   0.0   (+4.00)   42.5   (-0.0)   (-0.0)   (-0.0)   4.7   (-4.00)   (-0.0)   (-0.0)   4.7   (-4.00)   (-0.0)													
mployment rate   0.0													
15.2   (+9.6)   54.5   (-14.9)   21.2   (+1.8)   9.1   (+3.5)   0.0   (+7.0)   37.9   (+0.0)													
Statishare of world trade					, ,		, ,		, ,				
Section   Sect	Total share of world trade												
Committee   Comm	Exchange rates		(,	3 mo			(		( )	1 v	, /		(
Sector   Ty													
Sectors (1Y)													
Retail banking 7.4 (+4.1) 65.6 (-7.7) 22.2 (+5.4) 11.1 (-2.2) 3.7 (+0.4) 26.0 (+1 vestment banking 18.5 (+5.6) 40.7 (-30.3) 29.7 (+23.3) 7.4 (+0.9) 3.7 (+0.5) 31.5 (-10.5) 15.5 (-10.6) 31		incr	2260 (	,		not c	hange c	liabtly (	decreace	,	,	ha	lance
18.5   (+5.6)   40.7   (-30.3)   29.7   (+23.3)   7.4   (+0.9)   3.7   (+0.5)   31.5   (-10.5)													
surance   26.9 (-8.6)   38.5 (-13.1)   30.8 (+27.6)   3.8 (-5.9)   0.0 (+7.0)   44.3 (-12.4)   44.4 (-11.5)   4													
utlomotive 7.7 (-2.0) 69.2 (+7.9) 7.8 (-8.3) 11.5 (+1.8) 3.8 (+0.6) 32.8 (+0.6) chemical / Pharmaceutical 16.0 (+6.0) 52.0 (+7.9) 16.0 (+0.4) 16.0 (+2.7) 0.0 (+7.0) 34.0 (+2.6) 16.2 (+2.7) 16.0 (+0.4) 16.0 (+2.7) 16.0 (+2.													
Chemical / Pharmaceutical  16.0 (+6.0) 52.0 (-4.7) 16.0 (-4.0) 16.0 (+2.7) 0.0 (+7.0) 34.0 (+2.7) 16.0 (-4.0) 17.0 (-4.0) 17.2 (-5.0) 17.2									. ,				
Abchinery / Engineering  3.8 (-6.2) 50.0 (+3.3) 27.0 (+0.4) 19.2 (+2.5) 0.0 (+7.0) 19.2 (-5.6) incidentics  16.0 (-0.1) 44.0 (-10.8) 24.0 (+4.6) 16.0 (-6.8) 0.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 0.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 0.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+7.0) 30.0 (+8.6) 16.0 (+8.3) 10.0 (+7.0) 30.0 (+7		• • • • • • • • • • • • • • • • • • • •			. ,								
Rectard and commerce   12.0 (+2.3)   60.0 (+5.2)   15.0 (+3.8)   12.0 (+2.3)   10.0 (+7.0.0)   30.0 (+8.8)   12.0 (+2.3)   10.0 (+7.0.0)   1													
Retail and commerce 12.0 (+2.3) 60.0 (+5.2) 16.0 (-9.8) 12.0 (+2.3) 0.0 (+7.0) 36.0 (+3.0) construction 14.8 (+5.1) 25.9 (-3.1) 37.1 (+1.7) 18.5 (-0.9) 3.7 (-2.8) 14.8 (+6.1) retails 14.8 (+5.1) 25.9 (-3.1) 37.1 (+1.7) 18.5 (-0.9) 3.7 (-2.8) 14.8 (+6.1) 16.0 retails 14.8 (+5.1) 25.9 (+27.3) 15.4 (-23.3) 7.7 (-5.2) 0.0 (+7.0) 38.5 (+17.0) 16.0 retails 14.8 (+8.4) 3.7 (+0.5) 0.0 (+7.0) 18.5 (+17.0) 16.0 retails 14.8 (+8.4) 3.7 (+0.5) 0.0 (+7.0) 18.0 (+10.0) 16.0 retails 14.8 (+8.4) 3.7 (+0.5) 0.0 (+7.0) 18.2 (+9.8) 16.0 retails 14.8 (+8.4) 3.7 (+0.5) 0.0 (+7.0) 18.2 (+9.8) 16.0 retails 14.8 (+8.4) 18.7 (+0.9) 19.0 (+7.0) 18.2 (+9.8) 18.													
Construction 14.8 (+5.1) 25.9 (-3.1) 37.1 (+1.7) 18.5 (-0.9) 3.7 (-2.8) 14.8 (+6.6) refergy 7.7 (+1.2) 69.2 (+27.3) 15.4 (-23.3) 7.7 (-5.2) 0.0 (+7.0) 50.5 (+1.6) formation Technology (2.2.2 (-23.5) 59.3 (+14.1) 11.1 (+1.5) 7.4 (+0.9) 0.0 (+7.0) 50.0 (+7.0)				60.0						0.0			
thergy (7,7 (+1,2) 69.2 (+27.3) 15.4 (-23.3) 7,7 (-5.2) 0,0 (+7.0) 38.5 (+17.1) formation Technology (22.2 (-23.0) 59.3 (+14.1) 14.8 (+8.4) 3,7 (+0.5) 0,0 (+7.0) 38.5 (+17.1) formation Technology (22.2 (-23.0) 59.3 (+14.1) 14.8 (+8.4) 3,7 (+0.5) 0,0 (+7.0) 50.0 (+6.0) 5													
14.8   14.1   14.8   14.1   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1   14.8   14.8   14.1					. ,		. ,		. ,				,
Services 22.2 (-16.5) 59.3 (+14.1) 11.1 (+1.5) 7.4 (+0.9) 0.0 (+7.0.0) 48.2 (-9.8) (-9.0.0) (-9.0.0) (-9.0.0) 48.2 (-9.8) (-9.0.0													
Seling   0.0 (-9.7)   56.0 (+1.2)   28.0 (+2.2)   16.0 (+6.3)   0.0 (+7.0)   34.0 (+8.6)   6.6 (+9.7)   6.0 (+1.2)   34.0 (+8.5)   34.0 (+8.6)   34.0 (+7.0)   34.0 (+7.													
teling 0.0 (-9.7) 56.0 (+1.2) 28.0 (+2.2) 16.0 (+6.3) 0.0 (+7.0) 20.0 (-12 hanghai 4.0 (-5.7) 68.0 (-6.2) 20.0 (+13.6) 8.0 (-1.7) 0.0 (+7.0) 20.0 (-12 hanghai 4.0 (-9.7) 40.0 (-9.4) 28.0											, ,		
hanghai 4.0 (-5.7) 68.0 (-6.2) 20.0 (+13.6) 8.0 (-1.7) 0.0 (+7.0) 34.0 (-8 tong Kong 0.0 (-9.4) 28.0 (+3.0) 44.0 (+6.5) 28.0 (-0.1) 0.0 (+7.0) 24.0 (-1.2) 28.0 (+3.0) 44.0 (+6.5) 28.0 (-0.1) 0.0 (+7.0) 24.0 (-1.2) 28.0 (-1.2) 24.0 (+14.4) 12.0 (+5.5) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+14.4) 12.0 (+5.5) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+13.6) 12.0 (-9.8) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+13.6) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+13.6) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+13.6) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+13.6) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0 (-1.2) 24.0 (+3.1) 0.0 (+7.0) 24.0 (-1.2) 24.0													
long Kong 0.0 (-9.4) 28.0 (+3.0) 44.0 (+6.5) 28.0 (-0.1) 0.0 (+7.0) 0.0 (-7.0							. ,						
Sunggrhou   8.0   (-11.4)   44.0   (-1.2)   36.0   (+13.5)   12.0   (-0.9)   0.0   (+7.0)   24.0   (-11.6)   (-1.2)													
therezhen 20,0 (-18.7) 44.0 (-2.1) 24.0 (+14.4) 12.0 (+5.5) 0.0 (+7.0) 36.0 (-22 tanjin 4.0 (-8.9) 44.0 (-4.4) 36.0 (+10.2) 16.0 (+3.1) 0.0 (+7.0) 18.0 (-12 tanjin 4.0 (-8.9) 44.0 (-13.9) 40.0 (+23.8) 20.0 (+3.9) 0.0 (+7.0) 16.0 (-12 tanjin 4.0 (-13.9) 40.0 (+23.8) 20.0 (+3.9) 0.0 (+7.0) 16.0 (-12 tanjin 4.8 (+3.0) 48.1 (+1.0) 26.0 (+5.5) 11.1 (-9.5) 0.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 16.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.9) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.0) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.0) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 20.0 (+3.0) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (-9.5) 10.0 (+7.0) 18.0 (+23.8) 11.1 (													
tenjin 4.0 (-8.9) 44.0 (-4.4) 36.0 (+10.2) 16.0 (+3.1) 0.0 (+7.0) 18.0 (-12 (call state price expectation (1Y)			, , ,						. ,	0.0			
Programs   12.0   (-13.8)   28.0   (-13.9)   40.0   (-23.8)   20.0   (+3.9)   0.0   (+4.00)   16.0   (-22.8)   (-22.8)   (-23.8)   (-2													
Real estate price expectation (1 Y)         increase         slightly increase         not change         slightly decrease         decrease         balance           leiling         14.8         (+3.0)         48.1         (+1.0)         26.0         (+5.5)         11.1         (-9.5)         0.0         (+0.0)         33.3         (+8 inspiral lings)           long Kong         11.5         (+2.4)         26.9         (-6.4)         38.5         (+77.2)         23.1         (-10.2)         0.0         (+3.0)         13.4         (+7 inspiral lings)           luangzhou         15.4         (+6.0)         38.5         (-2.1)         23.0         (-8.2)         23.1         (+4.3)         0.0         (+7.0)         23.1         (+2.0)           lengthou         18.5         (+6.4)         44.4         (+5.0)         3.8         (-14.4)         33.3         (+6.0)         0.0         (+0.0)         23.1         (+2.0)           lengthou         15.4         (+6.0)         34.4         (+5.0)         3.8         (-14.4)         33.3         (+6.0)         0.0         (-3.0)         24.1         (+8           lengthou         15.4         (+2.9)         34.6         (+3.6)         3.8         (-14.4) <td></td>													
leiging 14.8 $(+3.0)$ 48.1 $(+1.0)$ 26.0 $(+5.5)$ 11.1 $(-9.5)$ 0.0 $(+6.0)$ 33.3 $(+8.0)$ 1 $(+3.0)$ 11.1 $(-9.5)$ 0.0 $(+6.0)$ 33.3 $(+8.0)$ 1 $(+3.0)$ 11.1 $(-9.5)$ 0.0 $(+6.0)$ 33.3 $(+8.0)$ 1 $(-6.5)$ 0.0 $(+6.0)$ 3.3 $(+8.0)$ 1 $(-6.5)$ 0.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.0 $(+6.0)$ 3.1 $(+6.0)$ 3.1 $(+6.0)$ 3.1 $(+6.0)$ 3.1 $(+6.0)$ 3.1 $(+6.0)$ 3.2 $(+6.0)$ 3.2 $(+6.0)$ 3.3 $(+6$					, ,		, ,				1 /		
Hanghai 25.9 (+14.1) 44.4 (-11.5) 18.6 (+3.9) 11.1 (-6.5) 0.0 (+\(\psi \) 0.0 (4\(\psi \) 0.0													
long Kong 11.5 $(+2.4)$ 26.9 $(-6.4)$ 38.5 $(+17.2)$ 23.1 $(-10.2)$ 0.0 $(-3.0)$ 13.4 $(+7.2)$ Luangzhou 15.4 $(+6.0)$ 38.5 $(-2.1)$ 23.0 $(-8.2)$ 23.1 $(-4.3)$ 0.0 $(+0.0)$ 23.1 $(+2.0)$ Luangzhou 18.5 $(+6.4)$ 44.4 $(+2.9)$ 34.6 $(+3.0)$ 27.0 $(-4.2)$ 19.2 $(-12.1)$ 3.8 $(+3.0)$ 19.3 $(+3.0)$ 19.3 $(-3.0)$ 13.4 $(-4.0)$ 19.3 $(-4.0)$													
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	•		, ,		, , ,		, ,		. ,		. ,		,
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$													
ianjin 15.4 (+2.9) 34.6 (+9.6) 27.0 (-4.2) 19.2 (-12.1) 3.8 (+3.8) 19.3 (+9.6)			. ,		. ,				. ,				,
			(+6.4)	44 4	(+ 5.0)	3.8	(-14.4)	33.3	(+6.0)	0.0	(- 3.0)	24.1	(+ 8.
					, ,				140.5				4

Note: 36 analysts participated in the February survey, which was conducted during the period 1/31-2/17/2017. The analysts were asked about their expectations for the respective time horizons (Y = year, M = month). Numbers displayed are percentages in case of directional forecasts (change compared to previous survey in parentheses) and numerical values in case of point forecasts (results of previous survey in parentheses). Balances refer to the weighted distributions from positive and negative assessments.