# Standard Chartered Bank Malaysia Berhad and its subsidiaries

Pillar 3 Disclosures 30 June 2017



Incorporated in Malaysia with registered Company No. 115793P Level 16, Menara Standard Chartered No. 30, Jalan Sultan Ismail 50250 Kuala Lumpur

# 1.0 Regulatory capital requirement

Disclosure on capital adequacy under the Standardised and IRB approach

Disclosure on capital adequacy under the Standardised and IRB	approacn			Minimum
Group 30 June 2017 Exposure class	Gross exposures RM'000	Net exposures RM'000	Risk weighted assets RM'000	capital requirement at 8% RM'000
(a) Credit risk				
Exposures under the Standardised approach				
On-balance sheet exposures:-				
Corporates	212,827	200,358	199,587	15,967
Regulatory retail	310,532	260,069	231,165	18,493
Residential mortgages	11,333	11,333	4,057	325
Higher risk assets	-	-	-	-
Other assets	605,268	602,494	481,874	38,550
Defaulted exposures Total on-balance sheet exposures	<u>35,819</u> 1,175,779	<u>33,125</u> 1,107,379	<u>45,604</u> 962,287	<u>3,648</u> 76,983
	1,175,775	1,107,575	302,207	70,303
Off-balance sheet exposures:-				
OTC derivatives	1	1	1	-
Off-balance sheet exposures other than OTC				
derivative transactions and credit derivatives	57,254	34,932	34,440	2,755
Defaulted exposures	224	224	336	27
Total off-balance sheet exposures	57,479	35,157	34,777	2,782
Total on and off-balance sheet exposures	1,233,258	1,142,536	997,064	79,765
Exposures under the IRB approach On-balance sheet exposures:-				
Sovereigns/Central banks Banks, development financial institutions	6,607,026	6,607,026	967,724	77,418
& multilateral development banks ("MDBs") Insurance companies, securities firms &	6,864,811	6,988,827	943,662	75,493
fund managers	129,566	150,332	85,100	6,808
Corporates	8,522,660	8,444,030	7,709,722	616,778
Residential mortgages	11,691,296	11,691,296	1,795,679	143,654
Qualifying revolving retail exposures	1,734,766	1,734,766	1,047,916	83,833
Other retail	3,803,093	3,736,941	1,587,673	127,014
Defaulted exposures	1,667,105	1,667,105	2,690,516	215,241
Total on-balance sheet exposures	41,020,323	41,020,323	16,827,992	1,346,239
Off-balance sheet exposures:-				
OTC derivatives	5,853,625	5,853,625	1,789,676	143,174
Off-balance sheet exposures other than OTC	10.040.055	10.040.055	4 700 050	000 005
derivative transactions and credit derivatives	10,342,055	10,342,055	4,796,056	383,685
Defaulted exposures Total off-balance sheet exposures	51,016 16.246.696	51,016 16.246.696	27,531 6.613.263	2,202 529.061
	10,240,090	10,240,090	0,013,203	529,001
Total on and off-balance sheet exposures	57,267,019	57,267,019	23,441,255	1,875,300
(b) Large exposures risk requirement			-	-
	Long	Short		
(c) Market risk (Standardised approach)	position	position		
Interest rate risk	25,525,764	31,051,191	911,353	72,908
Foreign currency risk	67,280,513	67,495,380	408,488	32,679
Options risk	3,196,284	3,287,073	103,691	8,295
(d) Operational risk (Standardised approach)			3,255,234	260,419
Total RWA and capital requirements		-	29,117,085	2,329,366
		=	<i>, ,</i>	, -,>

# CET1, Tier 1 and Total Capital ratios

	Before proposed dividend	After proposed dividend
CET 1 capital ratio Tier 1 capital ratio	13.354% 14.659%	13.310% 14.615%
Total capital ratio	18.356%	18.312%

# 1.0 Regulatory capital requirement (continued)

Disclosure on capital adequacy under the Standardised and IRB approach (continued)

Group 31 December 2016 Exposure class	Gross exposures RM'000	Net exposures RM'000	Risk weighted assets RM'000	Minimum capital requirement at 8% RM'000
(a) Credit risk				
Exposures under the Standardised approach				
On-balance sheet exposures:-				
Corporates	290,491	274,244	272,415	21,793
Regulatory retail	287,034	234,158	220,034	17,603
Residential mortgages	12,382	12,382	4,334	347
Higher risk assets	-	-	-	-
Other assets	609,830	604,388	453,504	36,280
Defaulted exposures Total on-balance sheet exposures	<u>34,814</u> 1,234,551	<u>32,874</u> 1,158,046	<u>65,152</u> 1,015,439	<u>5,212</u> 81,235
Total on-balance sheet exposures	1,234,331	1,156,040	1,015,459	01,233
Off-balance sheet exposures:-				
OTC derivatives	33	-	-	-
Off-balance sheet exposures other than OTC				
derivative transactions and credit derivatives	112,751	88,258	88,172	7,054
Defaulted exposures	236	236	354	28
Total off-balance sheet exposures	113,020	88,494	88,526	7,082
Total on and off-balance sheet exposures	1,347,571	1,246,540	1,103,965	88,317
Exposures under the IRB approach On-balance sheet exposures:- Sovereigns/Central banks Banks, development financial institutions & multilateral development banks ("MDBs") Insurance companies, securities firms & fund managers Corporates Residential mortgages Qualifying revolving retail exposures Other retail Defaulted exposures Total on-balance sheet exposures Off-balance sheet exposures:- OTC derivatives Off-balance sheet exposures other than OTC derivative transactions and credit derivatives	6,035,427 5,763,930 312,754 9,386,073 11,860,672 1,798,930 4,027,875 1,721,891 40,907,552 8,050,480	6,035,427 5,870,764 348,601 9,314,980 11,860,672 1,798,930 3,956,287 1,721,891 40,907,552 8,050,480	1,120,726 998,215 90,497 8,572,494 1,817,320 1,097,952 1,786,882 <u>3,186,630</u> 18,670,716 2,177,204 4,726,439	89,658 79,857 7,240 685,800 145,386 87,836 142,951 254,930 1,493,658 174,177 378,115
derivative transactions and credit derivatives	10,805,363	10,805,363	4,726,439	378,115
Defaulted exposures	50,917	50,917	10,171	814
Total off-balance sheet exposures	18,906,760	18,906,760	6,913,814	553,106
Total on and off-balance sheet exposures	59,814,312	59,814,312	25,584,530	2,046,764
(b) Large exposures risk requirement			-	-
	Long	Short		
(c) Market risk (Standardised approach)	position	position		
Interest rate risk	31,069,267	29,625,653	682,188	54,575
Foreign currency risk	60,484,588	60,262,038	38,777	3,102
Options risk	4,447,836	4,445,300	177,186	14,175
(d) Operational risk (Standardised approach)			3,344,050	267,524
Total RWA and capital requirements		-	30,930,696	2,474,457
		-	·	<u> </u>

# CET1, Tier 1 and Total Capital ratios

	Before proposed dividend	After proposed dividend
CET 1 capital ratio	12.365%	12.002%
Tier 1 capital ratio	13.594%	13.230%
Total capital ratio	17.107%	16.744%

# 1.0 Regulatory capital requirement (continued)

Disclosure on capital adequacy under the Standardised and IRB approach (continued)

Disclosure on capital adequacy under the Standardised and	TRB approach (con	tinuea)		
Bank 30 June 2017 Exposure class	Gross exposures RM'000	Net exposures RM'000	Risk weighted assets RM'000	Minimum capital requirement at 8% RM'000
(a) Credit risk				
Exposures under the Standardised approach On-balance sheet exposures:-				
Corporates	164,566	152,097	151,326	12,106
Regulatory retail	158,435	107,972	81,307	6,505
Residential mortgages	10,987	10,987	3,936	315
Higher risk assets	-	-	-	-
Other assets Defaulted exposures	538,133 24,177	535,359	417,654 32,010	33,412 2,561
Total on-balance sheet exposures	896,298	<u>21,483</u> 827,898	686,233	54,899
	000,200	027,000	000,200	04,000
Off-balance sheet exposures:- OTC derivatives	1	1	1	1
Off-balance sheet exposures other than OTC				
derivative transactions and credit derivatives	51,440	30,619	30,320	2,426
Defaulted exposures	224	224	336	27
Total off-balance sheet exposures	51,665	30,844	30,657	2,454
Total on and off-balance sheet exposures	947,963	858,742	716,890	57,353
Exposures under the IRB approach				
On-balance sheet exposures:-				
Sovereigns/Central banks	5,725,969	5,725,969	860,169	68,814
Banks, development financial institutions	-11	-,,	,	,
& MDBs	9,485,861	9,609,877	1,514,723	121,178
Insurance companies, securities firms &				
fund managers	129,566	150,332	85,100	6,808
Corporates	7,078,343	6,999,675	6,431,394	514,512
Residential mortgages	9,019,339	9,019,339	1,392,076	111,366
Qualifying revolving retail exposures	1,734,766	1,734,766	1,047,916	83,833
Other retail	3,046,535	2,980,421	1,347,829	107,826
Defaulted exposures	1,574,533	1,574,533	2,448,027	195,842
Total on-balance sheet exposures	37,794,912	37,794,912	15,127,234	1,210,179
Off-balance sheet exposures:- OTC derivatives	6,127,304	6,127,304	1,892,010	151,360
Off-balance sheet exposures other than OTC	•,•=•,•••	-,,	.,,	
derivative transactions and credit derivatives	9,764,577	9,764,577	4,506,484	360,519
Defaulted exposures	51,007	51,007	27,519	2,202
Total off-balance sheet exposures	15,942,888	15,942,888	6,426,013	514,081
Total on and off-balance sheet exposures	53,737,800	53,737,800	21,553,247	1,724,260
(b) Large exposures risk requirement			-	-
	Long	Short		
(c) Market risk (Standardised approach)	position	position		
Interest rate risk	25,525,764	31,051,191	911,353	72,908
Foreign currency risk	67,280,513	67,495,380	408,488	32,679
Options risk	3,196,284	3,287,073	103,691	8,295
(d) Operational risk (Standardised approach)			3,133,375	250,670
Total RWA and capital requirements		-	26,827,044	2,146,166
CET1 Tier 1 and Total Conital ratios		=	-	
CET1, Tier 1 and Total Capital ratios			Before	After proposed
			proposed dividend	dividend

CET 1 capital ratio
Tier 1 capital ratio
Total capital ratio

12.470% 13.886%

17.176%

12.518%

13.934% 17.224%

# 1.0 Regulatory capital requirement (continued)

Disclosure on capital adequacy under the Standardised and IRB approach (continued)

Bank 31 December 2016 Exposure class	Gross exposures RM'000	Net exposures RM'000	Risk weighted assets RM'000	Minimum capital requirement at 8% RM'000
(a) Credit risk				
Exposures under the Standardised approach On-balance sheet exposures:-				
Corporates	258,170	241,923	240,094	19,208
Regulatory retail	99,044	46,168	35,067	2,805
Residential mortgages	12,031	12,031	4,211	337
Higher risk assets	-	-	-	-
Other assets Defaulted exposures	535,785 27,840	530,343 25,900	382,847 56,346	30,628 4,508
Total on-balance sheet exposures	932.870	856,365	718,565	57,486
		,	,	
Off-balance sheet exposures:- OTC derivatives	33			
Off-balance sheet exposures other than OTC		-	-	-
derivative transactions and credit derivatives	74,460	51,517	51,434	4,115
Defaulted exposures	236	236	354	28
Total off-balance sheet exposures	74,729	51,753	51,788	4,143
Total on and off-balance sheet exposures	1,007,599	908,118	770,353	61,629
Exposures under the IRB approach				
On-balance sheet exposures:- Sovereigns/Central banks	5,269,484	5,269,484	1,027,223	82,178
Banks, development financial institutions	5,205,404	3,203,404	1,027,225	02,170
& MDBs	8,682,769	8,789,603	1,634,865	130,789
Insurance companies, securities firms &			, ,	,
fund managers	184,059	219,906	41,955	3,356
Corporates	7,874,710	7,803,573	7,135,605	570,848
Residential mortgages	9,107,587	9,107,587	1,379,645	110,372
Qualifying revolving retail exposures	1,798,930	1,798,930	1,097,952	87,836
Other retail	3,173,521	3,101,977	1,451,858	116,149
Defaulted exposures Total on-balance sheet exposures	<u>1,612,884</u> 37,703,944	<u>1,612,884</u> 37,703,944	2,904,099 16,673,202	<u>232,328</u> 1,333,856
Total on-balance sheet exposures	57,703,944	37,703,344	10,073,202	1,000,000
Off-balance sheet exposures:-				
OTC derivatives	8,338,151	8,338,151	2,288,367	183,069
Off-balance sheet exposures other than OTC	10.011.011	10.014.044	4 407 740	050.017
derivative transactions and credit derivatives Defaulted exposures	10,214,841	10,214,841 50,690	4,487,710	359,017
Total off-balance sheet exposures	50,690 18,603,682	18,603,682	<u>9,939</u> 6,786,016	<u>795</u> 542,881
·				
Total on and off-balance sheet exposures	56,307,626	56,307,626	23,459,218	1,876,737
(b) Large exposures risk requirement			-	-
	Long	Short		
(c) Market risk (Standardised approach)	position	position		
Interest rate risk	31,069,267	29,625,653	682,188	54,575
Foreign currency risk Options risk	60,484,588 4,447,836	60,262,038 4,445,300	38,777 177,186	3,102 14,175
Options lisk	4,447,030	4,445,500	177,100	14,175
(d) Operational risk (Standardised approach)		_	3,195,375	255,630
Total RWA and capital requirements		=	28,323,097	2,265,849
CET1, Tier 1 and Total Capital ratios				
			Before	After proposed
			proposed dividend	dividend

CET 1 capital ratio
Tier 1 capital ratio
Total capital ratio

11.586% 12.927%

15.764%

11.983%

13.324%

16.161%

# 2.0 Credit risk

# 2.1 Exposure values

The following tables detail the Group's and the Bank's Exposure at Default ("EAD") before the effect of credit risk mitigation, broken down by the relevant exposure class against the relevant geography, industry and maturity. EAD is based on the current outstanding and accrued interest and fees, plus a proportion of the undrawn component of the facility. The amount of the undrawn facility included is dependent on the credit conversion factor of respective product type, and for IRB exposure classes, this amount is modeled internally.

# Geographical analysis

The below tables provide the Group's and the Bank's EAD analysed by location of the exposures.

Group 30 June 2017	Malaysia RM'000	Others RM'000	Total RM'000
IRB exposures			
Sovereigns/Central banks	6,662,565	-	6,662,565
Banks, development financial institutions & MDBs	7,353,308	5,381,093	12,734,401
Insurance companies, securities firms & fund managers	325,019	179,137	504,156
Corporate exposures (excluding specialised lending			
and firm-size adjustment)	12,715,896	971,124	13,687,020
Corporate exposures (with firm-size adjustment)	2,187,656	1,047	2,188,703
Specialised lending	645,449	32,324	677,773
Retail exposures	20,812,401		20,812,401
Residential mortgages	12,493,257	-	12,493,257
Qualifying revolving retail exposures	3,940,690	-	3,940,690
Other retail exposures	4,378,454	-	4,378,454
Total IRB exposures	50,702,294	6,564,725	57,267,019
Standardised exposures			
Corporates	266,921	1,542	268,463
Regulatory retail	347,240	-	347,240
Residential mortgages	12,118	-	12,118
Higher risk assets	135	-	135
Other assets	599,370	5,932	605,302
Total Standardised exposures	1,225,784	7,474	1,233,258
Total credit risk exposures	51,928,078	6,572,199	58,500,277

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Geographical analysis (continued)

Group 31 December 2016	Malaysia RM'000	Others RM'000	Total RM'000
IRB exposures			
Sovereigns/Central banks	6,110,164	35	6,110,199
Banks, development financial institutions & MDBs	8,440,259	4,973,000	13,413,259
Insurance companies, securities firms & fund managers	595,485	197,403	792,888
Corporate exposures (excluding specialised lending			
and firm-size adjustment)	14,205,062	1,170,894	15,375,956
Corporate exposures (with firm-size adjustment)	2,304,490	1,189	2,305,679
Specialised lending	413,518	30,346	443,864
Retail exposures	21,372,467	-	21,372,467
Residential mortgages	12,732,495	-	12,732,495
Qualifying revolving retail exposures	3,904,489	-	3,904,489
Other retail exposures	4,735,483	-	4,735,483
Total IRB exposures	53,441,445	6,372,867	59,814,312
Standardised exposures			
Corporates	398,346	5,133	403,479
Regulatory retail	319,644	-	319,644
Residential mortgages	12,823	-	12,823
Higher risk assets	137	-	137
Other assets	601,553	9,935	611,488
Total Standardised exposures	1,332,503	15,068	1,347,571
Total credit risk exposures	54,773,948	6,387,935	61,161,883

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Geographical analysis (continued)

Bank 30 June 2017	Malaysia RM'000	Others RM'000	Total RM'000
IRB exposures			
Sovereigns/Central banks	5,781,508	-	5,781,508
Banks, development financial institutions & MDBs	10,348,399	5,335,578	15,683,977
Insurance companies, securities firms & fund managers	315,612	136,346	451,958
Corporate exposures (excluding specialised lending			
and firm-size adjustment)	11,397,687	889,366	12,287,053
Corporate exposures (with firm-size adjustment)	1,683,846	1,047	1,684,893
Specialised lending	645,449	32,324	677,773
Retail exposures	17,170,638	-	17,170,638
Residential mortgages	9,700,297	-	9,700,297
Qualifying revolving retail exposures	3,940,690	-	3,940,690
Other retail exposures	3,529,651	-	3,529,651
Total IRB exposures	47,343,139	6,394,661	53,737,800
Standardised exposures			
Corporates	213,153	1,542	214,695
Regulatory retail	183,488	-	183,488
Residential mortgages	11,478	-	11,478
Higher risk assets	135	-	135
Other assets	538,157	10	538,167
Total Standardised exposures	946,411	1,552	947,963
Total credit risk exposures	48,289,550	6,396,213	54,685,763

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Geographical analysis (continued)

Bank 31 December 2016	Malaysia RM'000	Others RM'000	Total RM'000
IRB exposures			
Sovereigns/Central banks	5,344,221	35	5,344,256
Banks, development financial institutions & MDBs	11,820,663	4,858,843	16,679,506
Insurance companies, securities firms & fund managers	457,513	149,352	606,865
Corporate exposures (excluding specialised lending			
and firm-size adjustment)	12,910,382	1,032,943	13,943,325
Corporate exposures (with firm-size adjustment)	1,813,977	1,189	1,815,166
Specialised lending	413,518	30,346	443,864
Retail exposures	17,474,644	-	17,474,644
Residential mortgages	9,845,174	-	9,845,174
Qualifying revolving retail exposures	3,904,489	-	3,904,489
Other retail exposures	3,724,981	-	3,724,981
Total IRB exposures	50,234,918	6,072,708	56,307,626
Standardised exposures			
Corporates	329,222	3,658	332,880
Regulatory retail	124,667	-	124,667
Residential mortgages	12,472	-	12,472
Higher risk assets	137	-	137
Other assets	537,438	5	537,443
Total Standardised exposures	1,003,936	3,663	1,007,599
Total credit risk exposures	51,238,854	6,076,371	57,315,225

## 2.0 Credit risk (continued)

## 2.1 Exposure values (continued)

#### Sector or economic purpose analysis

The below tables provide the Group's and the Bank's EAD analysed by sector or economic purpose of the exposure.

Group 30 June 2017	Agricultural, hunting, forestry and fishing RM'000	Mining and quarrying RM'000	Manufacturing RM'000	Electricity, gas and water RM'000	Construction RM'000	Wholesale & retail trade and restaurants & hotels RM'000	Transportation storage and communication RM'000	Finance, insurance and business services RM'000	Real estate RM'000	Household RM'000	Others RM'000	Total RM'000
IRB exposures												
Sovereigns/Central banks	-	-	-	-	-	-	-	6,662,565	-	-	-	6,662,565
Banks, development financial												
institutions & MDBs	-	-	-	-	-	-	-	12,734,401	-	-	-	12,734,401
Insurance companies, securities firms & fund managers	_	_	_	_	_	_	_	504,156	_	_	_	504,156
Corporate exposures (excluding	-	-	-	-	-	-	-	504,150	-	-	-	504,150
specialised lending and firm-size												
adjustment)	328,472	1,040,279	4,362,874	347,915	2,060,717	2,113,087	863,386	1,085,290	1,324,228	-	160,772	13,687,020
Corporate exposures (with firm-size												
adjustment)	26,070	32,593	482,948	9,807	145,108	434,953	76,353	140,579	117,270	281,243	441,779	2,188,703
Specialised lending	-	32,324	369,917	22,761	-	600	-	-	252,171	-	-	677,773
Retail exposures	2,477	8,546	140,123	762	85,486	319,157	41,593	84,317	13,224	18,052,595	2,064,121	20,812,401
Residential mortgages	-	-	-	-	-	-	-	-	-	12,493,257	-	12,493,257
Qualifying revolving retail exposures	-	-	-	-	-	-	-	-	-	3,940,690	-	3,940,690
Other retail exposures	2,477	8,546	140,123	762	85,486	319,157	41,593	84,317	13,224	1,618,648	2,064,121	4,378,454
Total IRB exposures	357,019	1,113,742	5,355,862	381,245	2,291,311	2,867,797	981,332	21,211,308	1,706,893	18,333,838	2,666,672	57,267,019
Standardised exposures												
Corporates	-	-	44,710	-	114,441	6,388	-	8,374	-	62,748	31,802	268,463
Regulatory retail	-	-	-	-	5,572	-	-	-	-	341,668	-	347,240
Residential mortgages	-	-	-	-	-	-	-	-	-	12,118	-	12,118
Higher risk assets	-	-	-	-	-	-	-	-	-	135	-	135
Other assets	-	-	-	-	-	-	-	10	-	-	605,292	605,302
Total Standardised exposures	-	-	44,710	-	120,013	6,388	-	8,384	-	416,669	637,094	1,233,258
Total credit risk exposures	357,019	1,113,742	5,400,572	381,245	2,411,324	2,874,185	981,332	21,219,692	1,706,893	18,750,507	3,303,766	58,500,277

# 2.0 Credit risk (continued)

#### 2.1 Exposure values (continued)

Sector or economic purpose analysis (continued)

Group 31 December 2016	Agricultural, hunting, forestry and fishing RM'000	Mining and quarrying RM'000	Manufacturing RM'000	Electricity, gas and water RM'000	Construction RM'000	Wholesale & retail trade and restaurants & hotels RM'000	Transportation storage and communication RM'000	Finance, insurance and business services RM'000	Real estate RM'000	Household RM'000	Others RM'000	Total RM'000
IRB exposures												
Sovereigns/Central banks	-	-	-	-	-	-	-	6,110,199	-	-	-	6,110,199
Banks, development financial												
institutions & MDBs	-	-	-	-	-	-	-	13,413,259	-	-	-	13,413,259
Insurance companies, securities firms &												
fund managers	-	-	-	-	-	-	-	792,888	-	-	-	792,888
Corporate exposures (excluding												
specialised lending and firm-size												
adjustment)	183,978	957,824	5,339,177	383,902	2,086,037	2,426,973	1,236,425	1,280,075	1,342,667	-	138,898	15,375,956
Corporate exposures (with firm-size	05 407	50.000	400.000	10 457	100.045	500.004	00.100	04.000	111.074	004 047	507.044	0.005.070
adjustment)	25,437	52,389 30,346	462,066 374,797	10,457 23,701	128,945	538,034 600	80,160	84,026	111,874 14,420	304,947	507,344	2,305,679 443,864
Specialised lending	- 2,734	30,346	143,959	23,701	- 83,976	318,361	45,909	- 81,212	13,077	- 18,450,677	- 2,227,849	443,004 21,372,467
Retail exposures Residential mortgages	2,734	3,015	143,939	090		- 310,301	45,909	01,212	13,077	12,732,495	2,227,049	12,732,495
Qualifying revolving retail exposures	_	_	-	_	_	_	_	_	_	3.904.489	-	3,904,489
Other retail exposures	2,734	3.815	143.959	898	83.976	318,361	45,909	81,212	13,077	1.813.693	2.227.849	4,735,483
Other retail exposures	2,704	0,010	140,000	000	00,070	010,001	40,000	01,212	10,077	1,010,000	2,227,040	4,700,400
Total IRB exposures	212,149	1,044,374	6,319,999	418,958	2,298,958	3,283,968	1,362,494	21,761,659	1,482,038	18,755,624	2,874,091	59,814,312
Standardised exposures												
Corporates	-	-	44,211	-	168,620	7,673	-	19,503	-	135,919	27,553	403,479
Regulatory retail	-	-	-	-	915	-	-	-	-	318,729		319,644
Residential mortgages	-	-	-	-	-	-	-	-	-	12,823	-	12,823
Higher risk assets	-	-	-	-	-	-	-	-	-	137	-	137
Other assets	-	-	-	-	-	1,735	-	5	-	-	609,748	611,488
Total Standardised exposures	-	-	44,211	-	169,535	9,408	-	19,508	-	467,608	637,301	1,347,571
Total credit risk exposures	212,149	1,044,374	6,364,210	418,958	2,468,493	3,293,376	1,362,494	21,781,167	1,482,038	19,223,232	3,511,392	61,161,883

# 2.0 Credit risk (continued)

#### 2.1 Exposure values (continued)

Sector or economic purpose analysis (continued)

Bank 30 June 2017	Agricultural, hunting, forestry and fishing RM'000	Mining and quarrying RM'000	Manufacturing RM'000	Electricity, gas and water RM'000	Construction RM'000	Wholesale & retail trade and restaurants & hotels RM'000	Transportation storage and communication RM'000	Finance, insurance and business services RM'000	Real estate RM'000	Household RM'000	Others RM'000	Total RM'000
IRB exposures												
Sovereigns/Central banks	-	-	-	-	-	-	-	5,781,508	-	-	-	5,781,508
Banks, development financial												
institutions & MDBs	-	-	-	-	-	-	-	15,683,977	-	-	-	15,683,977
Insurance companies, securities firms &												
fund managers	-	-	-	-	-	-	-	451,958	-	-	-	451,958
Corporate exposures (excluding												
specialised lending and firm-size												
adjustment)	141,691	849,022	4,119,771	337,539	2,030,142	1,848,121	774,215	922,263	1,142,160	-	122,129	12,287,053
Corporate exposures (with firm-size												
adjustment)	24,643	32,578	469,903	9,807	108,030	417,884	38,606	31,363	117,270	-	434,809	1,684,893
Specialised lending	-	32,324	369,917	22,761	-	600	-	-	252,171	-	-	677,773
Retail exposures	1,336	6,863	109,752	26	51,076	258,361	20,923	52,826	12,050	14,602,953	2,054,472	17,170,638
Residential mortgages	-	-	-	-	-	-	-	-	-	9,700,297	-	9,700,297
Qualifying revolving retail exposures	-	-	-	-	-	-	-	-	-	3,940,690	-	3,940,690
Other retail exposures	1,336	6,863	109,752	26	51,076	258,361	20,923	52,826	12,050	961,966	2,054,472	3,529,651
Total IRB exposures	167,670	920,787	5,069,343	370,133	2,189,248	2,524,966	833,744	22,923,895	1,523,651	14,602,953	2,611,410	53,737,800
Standardised exposures												
Corporates	-	-	44,710	-	62,115	6,388	-	8,374	-	61,306	31,802	214,695
Regulatory retail	-	-	-	-	5,572	-	-	-	-	177,916	-	183,488
Residential mortgages	-	-	-	-	-	-	-	-	-	11,478	-	11,478
Higher risk assets	-	-	-	-	-	-	-	-	-	135	-	135
Other assets	-	-	-	-	-	-	-	10	-	-	538,157	538,167
Total Standardised exposures	-	-	44,710		67,687	6,388	-	8,384	-	250,835	569,959	947,963
Total credit risk exposures	167,670	920,787	5,114,053	370,133	2,256,935	2,531,354	833,744	22,932,279	1,523,651	14,853,788	3,181,369	54,685,763

## 2.0 Credit risk (continued)

## 2.1 Exposure values (continued)

Sector or economic purpose analysis (continued)

Bank 31 December 2016	Agricultural, hunting, forestry and fishing RM'000	Mining and quarrying RM'000	Manufacturing RM'000	Electricity, gas and water RM'000	Construction RM'000	Wholesale & retail trade and restaurants & hotels RM'000	Transportation storage and communication RM'000	Finance, insurance and business services RM'000	Real estate RM'000	Household RM'000	Others RM'000	Total RM'000
IRB exposures												
Sovereigns/Central banks	-	-	-	-	-	-	-	5,344,256	-	-	-	5,344,256
Banks, development financial												
institutions & MDBs	-	-	-	-	-	-	-	16,679,506	-	-	-	16,679,506
Insurance companies, securities firms &												
fund managers	-	-	-	-	-	-	-	606,865	-	-	-	606,865
Corporate exposures (excluding												
specialised lending and firm-size												
adjustment)	46,601	929,162	4,915,925	383,902	2,058,882	2,130,024	1,142,995	1,090,886	1,147,921	-	97,027	13,943,325
Corporate exposures (with firm-size	05 107	50.000		10 157		500 074		10.101	100 500			
adjustment)	25,437	52,389	444,565	10,457	94,334	508,971	39,503	42,494	108,536	-	488,480	1,815,166
Specialised lending	-	30,346	374,797	23,701	-	600	-	-	14,420	-	-	443,864
Retail exposures	1,362	2,430	105,564	28	41,339	236,419	17,274	45,359	13,053	14,795,800	2,216,016	17,474,644
Residential mortgages	-	-	-	-	-	-	-	-	-	9,845,174	-	9,845,174
Qualifying revolving retail exposures	-	-	-	-	-	-	-	-	-	3,904,489	-	3,904,489
Other retail exposures	1,362	2,430	105,564	28	41,339	236,419	17,274	45,359	13,053	1,046,137	2,216,016	3,724,981
Total IRB exposures	73,400	1,014,327	5,840,851	418,088	2,194,555	2,876,014	1,199,772	23,809,366	1,283,930	14,795,800	2,801,523	56,307,626
	,	.,,.	-,,	,	_,,	_,,	.,	,,	.,,	,	_,	,,
Standardised exposures												
Corporates .	-	-	44,211	-	99,496	7,673	-	19,503	-	134,444	27,553	332,880
Regulatory retail	-	-	-	-	915	-	-	-	-	123,752	-	124,667
Residential mortgages	-	-	-	-	-	-	-	-	-	12,472	-	12,472
Higher risk assets	-	-	-	-	-	-	-	-	-	137	-	137
Other assets	-	-	-	-	-	1,735	-	5	-	-	535,703	537,443
Total Standardised exposures	-	-	44,211	-	100,411	9,408	-	19,508	-	270,805	563,256	1,007,599
Total credit risk exposures	73,400	1,014,327	5,885,062	418,088	2,294,966	2,885,422	1,199,772	23,828,874	1,283,930	15,066,605	3,364,779	57,315,225

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Residual contractual maturity analysis

The following tables show the Group's and the Bank's residual maturity of EAD by each principal category of exposure class.

Group 30 June 2017	Up to 1 year RM'000	> 1 - 5 years RM'000	Over 5 years RM'000	Total RM'000
IRB exposures				
Sovereigns/Central banks	5,253,483	1,408,839	243	6,662,565
Banks, development financial institutions & MDBs	9,489,936	2,723,740	520,725	12,734,401
Insurance companies, securities firms & fund managers	335,819	155,614	12,723	504,156
Corporate exposures (excluding specialised				
lending and firm-size adjustment)	9,435,092	3,001,691	1,250,237	13,687,020
Corporate exposures (with firm-size adjustment)	1,176,302	215,496	796,905	2,188,703
Specialised lending	184,688	122,500	370,585	677,773
Retail exposures	1,158,632	4,364,573	15,289,196	20,812,401
Residential mortgages	538,780	347,988	11,606,489	12,493,257
Qualifying revolving retail exposures	183,496	2,841,733	915,461	3,940,690
Other retail exposures	436,356	1,174,852	2,767,246	4,378,454
Total IRB exposures	27,033,952	11,992,453	18,240,614	57,267,019
Standardised exposures				
Corporates	154,886	80,805	32,772	268,463
Regulatory retail	154,386	154,843	38,011	347,240
Residential mortgages	310	766	11,042	12,118
Higher risk assets	10	14	111	135
Other assets	597,517	-	7,785	605,302
Total Standardised exposures	907,109	236,428	89,721	1,233,258
Total credit risk exposures	27,941,061	12,228,881	18,330,335	58,500,277

Note: The above table shows that exposures with residual contractual maturity more than 5 years, of which 68% are collateralized.

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Residual contractual maturity analysis (continued)

Group 31 December 2016	Up to 1 year RM'000	> 1 - 5 years RM'000	Over 5 years RM'000	Total RM'000
IRB exposures				
Sovereigns/Central banks	3,887,051	2,222,905	243	6,110,199
Banks, development financial institutions & MDBs	10,021,194	2,817,160	574,905	13,413,259
Insurance companies, securities firms & fund				
managers	622,912	154,180	15,796	792,888
Corporate exposures (excluding specialised				
lending and firm-size adjustment)	10,911,948	3,204,810	1,259,198	15,375,956
Corporate exposures (with firm-size adjustment)	1,155,740	322,976	826,963	2,305,679
Specialised lending	126,742	263,075	54,047	443,864
Retail exposures	1,294,303	3,574,529	16,503,635	21,372,467
Residential mortgages	517,887	365,897	11,848,711	12,732,495
Qualifying revolving retail exposures	186,660	2,071,126	1,646,703	3,904,489
Other retail exposures	589,756	1,137,506	3,008,221	4,735,483
Total IRB exposures	28,019,890	12,559,635	19,234,787	59,814,312
Standardised exposures				
Corporates	272,945	101,009	29,525	403,479
Regulatory retail	91,965	191,278	36,401	319,644
Residential mortgages	2	728	12,093	12,823
Higher risk assets	10	14	113	137
Other assets	561,566	-	49,922	611,488
Total Standardised exposures	926,488	293,029	128,054	1,347,571
Total credit risk exposures	28,946,378	12,852,664	19,362,841	61,161,883

Note: The above table shows that exposures with residual contractual maturity more than 5 years, of which 63% are collateralized.

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Residual contractual maturity analysis (continued)

Bank 30 June 2017	Up to 1 year RM'000	> 1 - 5 years RM'000	Over 5 years RM'000	Total RM'000
IRB exposures				
Sovereigns/Central banks	4,372,426	1,408,839	243	5,781,508
Banks, development financial institutions & MDBs	12,020,486	3,041,723	621,768	15,683,977
Insurance companies, securities firms & fund				
managers	326,541	112,694	12,723	451,958
Corporate exposures (excluding specialised				
lending and firm-size adjustment)	8,627,356	2,489,801	1,169,896	12,287,053
Corporate exposures (with firm-size adjustment)	1,002,542	155,761	526,590	1,684,893
Specialised lending	184,688	122,500	370,585	677,773
Retail exposures	1,017,319	4,175,415	11,977,904	17,170,638
Residential mortgages	442,407	334,550	8,923,340	9,700,297
Qualifying revolving retail exposures	183,496	2,841,733	915,461	3,940,690
Other retail exposures	391,416	999,132	2,139,103	3,529,651
Total IRB exposures	27,551,358	11,506,733	14,679,709	53,737,800
Standardised exposures				
Corporates	154,635	28,680	31,380	214,695
Regulatory retail	151,190	2,528	29,770	183,488
Residential mortgages	15	766	10,697	11,478
Higher risk assets	10	14	111	135
Other assets	530,382	-	7,785	538,167
Total Standardised exposures	836,232	31,988	79,743	947,963
Total credit risk exposures	28,387,590	11,538,721	14,759,452	54,685,763

Note: The above table shows that exposures with residual contractual maturity more than 5 years, of which 65% are collateralized.

# 2.0 Credit risk (continued)

# 2.1 Exposure values (continued)

# Residual contractual maturity analysis (continued)

Bank 31 December 2016	Up to 1 year RM'000	> 1 - 5 years RM'000	Over 5 years RM'000	Total RM'000
IRB exposures				
Sovereigns/Central banks	3,121,108	2,222,905	243	5,344,256
Banks, development financial institutions & MDBs	12,202,610	3,159,526	1,317,370	16,679,506
Insurance companies, securities firms & fund				
managers	488,540	102,529	15,796	606,865
Corporate exposures (excluding specialised				
lending and firm-size adjustment)	9,987,790	2,757,401	1,198,134	13,943,325
Corporate exposures (with firm-size adjustment)	1,058,238	224,350	532,578	1,815,166
Specialised lending	126,742	263,075	54,047	443,864
Retail exposures	1,078,081	3,353,400	13,043,163	17,474,644
Residential mortgages	427,036	353,585	9,064,553	9,845,174
Qualifying revolving retail exposures	186,660	2,071,126	1,646,703	3,904,489
Other retail exposures	464,385	928,689	2,331,907	3,724,981
Total IRB exposures	28,063,109	12,083,186	16,161,331	56,307,626
Standardised exposures				
Corporates	263,082	41,687	28,111	332,880
Regulatory retail	89,972	2,456	32,239	124,667
Residential mortgages	2	728	11,742	12,472
Higher risk assets	10	14	113	137
Other assets	487,521	-	49,922	537,443
Total Standardised exposures	840,587	44,885	122,127	1,007,599
Total credit risk exposures	28,903,696	12,128,071	16,283,458	57,315,225

Note: The above table shows that exposures with residual contractual maturity more than 5 years, of which 57% are collateralized.

# 2.0 Credit risk (continued)

# 2.2 Credit risk mitigation

The following tables disclose the total exposure before the effect of Credit Risk Mitigation ("CRM") and the exposures covered by guarantees/credit derivatives, eligible financial collateral and other eligible collateral shown by exposure class.

Exposures before CRM RM'000	Exposures covered by guarantees or credit derivatives RM'000	Exposures covered by eligible financial collateral RM'000	Exposures covered by Other eligible collateral RM'000
6,607,026	-	-	-
6,864,811	1,449	-	-
129,566	109,377	-	-
8,712,726	149,303	504,456	1,218,963
5,848,391	6,090	111,200	88,270
11,702,629	-	-	11,585,035
-	-	-	-
605,268	-	2,774	-
22,761	-	-	-
1,702,924	-	19,993	335,690
42,196,102	266,219	638,423	13,227,958
5.853.626	94.665	910.275	53,345
-,	- ,	, -	,
10,399,309	21,533	117,581	451,554
51,240	-	4,238	1,668
16,304,175	116,198	1,032,094	506,567
58,500,277	382,417	1,670,517	13,734,525
	before CRM RM'000 6,607,026 6,864,811 129,566 8,712,726 5,848,391 11,702,629 605,268 22,761 1,702,924 42,196,102 5,853,626 10,399,309 51,240	Exposures before CRM RM'000         covered by guarantees or credit derivatives RM'000           6,607,026 6,864,811         -           129,566         109,377           8,712,726         149,303           5,848,391         6,090           11,702,629         -           -         -           605,268         -           22,761         -           1,702,924         -           42,196,102         266,219           5,853,626         94,665           10,399,309         21,533           51,240         -           16,304,175         116,198	Covered by guarantees or credit derivatives RM'000         covered by eligible financial collateral RM'000           6,607,026         -         -           6,864,811         1,449         -           129,566         109,377         -           8,712,726         149,303         504,456           5,848,391         6,090         111,200           11,702,629         -         -           -         -         -           605,268         -         2,774           22,761         -         -           1,702,924         -         19,993           42,196,102         266,219         638,423           5,853,626         94,665         910,275           10,399,309         21,533         117,581           51,240         -         4,238           16,304,175         116,198         1,032,094

# 2.0 Credit risk (continued)

# 2.2 Credit risk mitigation (continued)

Exposures before CRM RM'000	Exposures covered by guarantees or credit derivatives RM'000	Exposures covered by eligible financial collateral RM'000	Exposures covered by Other eligible collateral RM'000
6,035,427	-	-	-
5,763,930	28,996	-	-
312,754	111,559	2,741	-
9,652,863	162,436	715,193	1,076,355
6,113,839	6,176	121,592	89,316
11,873,054	-	-	11,629,727
-	-	-	-
609,830	-	5,442	-
23,701	-	-	-
1,756,705	-	38,911	390,205
42,142,103	309,167	883,879	13,185,603
8,050,513	111,676	33	-
10,918,114	32,824	191,514	576,133
51,153	-	4,785	1,765
19,019,780	144,500	196,332	577,898
61,161,883	453,667	1,080,211	13,763,501
	before CRM RM'000 6,035,427 5,763,930 312,754 9,652,863 6,113,839 11,873,054 - 609,830 23,701 1,756,705 42,142,103 8,050,513 10,918,114 51,153 19,019,780	Exposures before CRM RM'000         covered by guarantees or credit derivatives RM'000           6,035,427 5,763,930         -           5,763,930         28,996           312,754         111,559           9,652,863         162,436           6,113,839         6,176           11,873,054         -           -         -           609,830         -           23,701         -           1,756,705         -           42,142,103         309,167           8,050,513         111,676           10,918,114         32,824           51,153         -           19,019,780         144,500	covered by guarantees or credit derivatives RM'000         covered by eligible financial collateral RM'000           6,035,427 5,763,930         -         -           312,754         111,559 9,652,863         2,741 162,436           312,754         111,559 9,652,863         2,741 121,592           11,873,054         -         -           -         -         -           609,830         -         5,442 23,701         -           1,756,705         -         38,911           42,142,103         309,167         883,879           8,050,513         111,676         33           10,918,114         32,824         191,514           51,153         -         4,785           19,019,780         144,500         196,332

# 2.0 Credit risk (continued)

# 2.2 Credit risk mitigation (continued)

Bank 30 June 2017	Exposures before CRM RM'000	Exposures covered by guarantees or credit derivatives RM'000	Exposures covered by eligible financial collateral RM'000	Exposures covered by other eligible collateral RM'000
On-balance sheet exposures				
Sovereigns/Central banks	5,725,969	-	-	-
Banks, development financial institutions & MDBs	9,485,861	1,449	-	-
Insurance companies, securities firms & fund				
managers	129,566	109,377	-	-
Corporates	7,220,148	149,116	376,456	964,559
Regulatory retail	4,939,736	6,052	109,066	82,760
Residential mortgages	9,030,326	-	-	8,930,767
Higher risk assets	-	-	-	-
Other assets	538,133	-	2,774	-
Specialised financing/investment	22,761	-	-	-
Defaulted exposures	1,598,710	-	19,993	319,555
Total on-balance sheet exposures	38,691,210	265,994	508,289	10,297,641
Off-balance sheet exposures				
OTC derivatives	6,127,305	94,665	883,777	19,430
Off-balance sheet exposures other than OTC				
derivatives or credit derivatives	9,816,017	16,857	109,557	360,160
Defaulted exposures	51,231	-	4,238	1,668
Total off-balance sheet exposures	15,994,553	111,522	997,572	381,258
Total on and off-balance sheet exposures	54,685,763	377,516	1,505,861	10,678,899

# 2.0 Credit risk (continued)

# 2.2 Credit risk mitigation (continued)

Bank 31 December 2016	Exposures before CRM RM'000	Exposures covered by guarantees or credit derivatives RM'000	Exposures covered by eligible financial collateral RM'000	Exposures covered by other eligible collateral RM'000
On-balance sheet exposures				
Sovereigns/Central banks	5,269,484	-	-	-
Banks, development financial institutions & MDBs	8,682,769	28,996	-	-
Insurance companies, securities firms & fund				
managers	184,059	111,559	-	-
Corporates	8,109,179	161,876	646,552	833,572
Regulatory retail	5,071,495	6,132	120,266	82,408
Residential mortgages	9,119,618	-	-	8,916,447
Higher risk assets	-	-	-	-
Other assets	535,785	-	5,442	-
Specialised financing/investment	23,701	-	-	-
Defaulted exposures	1,640,724	-	38,911	369,137
Total on-balance sheet exposures	38,636,814	308,563	811,171	10,201,564
Off-balance sheet exposures				
OTC derivatives	8,338,184	111,676	33	-
Off-balance sheet exposures other than OTC				
derivatives or credit derivatives	10,289,301	28,659	166,620	485,974
Defaulted exposures	50,926	-	4,785	1,538
Total off-balance sheet exposures	18,678,411	140,335	171,438	487,512
Total on and off-balance sheet exposures	57,315,225	448,898	982,609	10,689,076

#### 2.0 Credit risk (continued)

#### 2.3 Exposures under IRB approach

#### Exposures under the IRB approach by risk grade or PD band for non-retail exposures

The below tables analyse the Group's and the Bank's PD range or internal risk grading of non-retail exposures.

Group 30 June 2017	0-0.04% RM'000	0.04-0.17% RM'000	0.17-0.59% RM'000	0.59-3.05% RM'000	3.05-12.00% RM'000	12.00-100% RM'000	Default or 100% RM'000
Non-retail exposures (EAD) <u>On balance sheet exposures</u>							
Sovereign	-	6,607,026	-	-	-	-	-
Bank	1,400,778	5,063,998	276,538	123,435	62	-	-
Corporate	200,145	825,790	3,095,231	3,217,619	1,047,947	265,494	1,000,385
Total on-balance sheet exposures	1,600,923	12,496,814	3,371,769	3,341,054	1,048,009	265,494	1,000,385
Undrawn commitments							
Sovereign	-	-	-	-	-	-	-
Bank	11,378	196,112	3,256	530	-	-	-
Corporate	30,676	338,031	636,326	732,024	40,988	9,354	3,194
Total undrawn commitments	42,054	534,143	639,582	732,554	40,988	9,354	3,194
Derivatives							
Sovereign	-	55,539	-	-	-	-	-
Bank	9,416	4,120,011	349,126	248,438	-	-	-
Corporate	98,046	380,873	266,213	253,102	68,824	4,037	
Total derivatives	107,462	4,556,423	615,339	501,540	68,824	4,037	-
<u>Contingent</u>							
Sovereign	-	-	-	-	-	-	-
Bank	29,528	820,605	9,634	71,329	227	-	-
Corporate	9,969	1,002,449	1,887,819	950,625	468,998	182,692	40,801
Total contingent	39,497	1,823,054	1,897,453	1,021,954	469,225	182,692	40,801
Exposure weighted average LGD (%)							
Sovereign	-	46.72%	-	-	-	-	-
Bank	26.22%	34.25%	36.41%	41.20%	41.20%	-	-
Corporate	47.19%	42.37%	41.19%	38.85%	46.67%	35.25%	43.09%
Exposure weighted average risk weight (%)							
Sovereign	-	14.63%	-	-	-	-	-
Bank	4.45%	13.24%	31.74%	75.70%	122.28%	-	-
Corporate	12.11%	34.49%	64.27%	84.60%	158.52%	188.90%	88.76%

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for non-retail exposures (continued)

Group 31 December 2016	0-0.04% RM'000	0.04-0.17% RM'000	0.17-0.59% RM'000	0.59-3.05% RM'000	3.05-12.00% RM'000	12.00-100% RM'000	Default or 100% RM'000
Non-retail exposures (EAD) <u>On balance sheet exposures</u> Sovereign	-	6,035,427	-	-	-	-	-
Bank Corporate Total on-balance sheet exposures	189,153 <u>123,155</u> 312,308	5,089,292 1,644,377 12,769,096	277,128 2,682,233 2,959,361	192,229 <u>3,921,244</u> 4,113,473	16,119 <u>1,044,170</u> 1,060,289	9 <u>283,648</u> 283,657	- <u>1,057,338</u> 1,057,338
<u>Undrawn commitments</u> Sovereign							
Bank Corporate	11,886 29,056	178,035 309,778	1,330 565,644	530 636,905	88,995	16,099	8,780
Total undrawn commitments	40,942	487,813	566,974	637,435	88,995	16,099	8,780
Sovereign Bank Corporate	35 3,744 117,031	74,737 5,709,475 628,526	- 445,543 250,729	- 315,752 475,410	- - 13,708	- - 15,790	-
Total derivatives	120,810	6,412,738	696,272	791,162	13,708	15,790	
Sovereign Bank	- 38,391	- 853,790	- 6,836	- 77,803	- 3,190	- 3,024	-
Corporate Total contingent	10,303 48,694	1,162,693 2,016,483	1,866,999 1,873,835	1,117,812 1,195,615	575,970 579,160	235,814 238,838	<u>36,180</u> 36,180
Exposure weighted average LGD (%) Sovereign	45.00%	46.39%	-	-	-	-	-
Bank Corporate	26.20% 44.47%	32.81% 42.27%	35.96% 44.27%	41.20% 39.72%	41.20% 43.55%	37.29% 36.80%	
Exposure weighted average risk weight (%) Sovereign Bank	- 4.51%	18.49% 12.81%	- 33.47%	- 76.89%	- 122.35%	- 173.26%	-
Corporate	4.51%	31.79%	33.47% 63.43%	76.89% 84.16%	122.35%	194.92%	

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for non-retail exposures (continued)

Bank 30 June 2017	0-0.04% RM'000	0.04-0.17% RM'000	0.17-0.59% RM'000	0.59-3.05% RM'000	3.05-12.00% RM'000	12.00-100% RM'000	Default or 100% RM'000
Non-retail exposures (EAD) <u>On balance sheet exposures</u> Sovereign Bank Corporate	- 1,400,778 200,145	5,725,969 7,686,024 809,667	275,562 2,697,897	123,435 2,401,566	- 62 842.730	255,904	- - 1,000,108
Total on-balance sheet exposures	1,600,923	14,221,660	2,973,459	2,525,001	842,792	255,904	1,000,108
<u>Undrawn commitments</u> Sovereign Bank	- 11,378	- 197,147	- 3,256	- 530	-	-	-
Corporate	30,676	290,130	541,893	665,473	37,688	4,889	3,194
Total undrawn commitments	42,054	487,277	545,149	666,003	37,688	4,889	3,194
Derivatives Sovereign Bank Corporate Total derivatives	9,416 98,046 107,462	55,539 4,493,056 <u>330,997</u> 4,879,592	304,521 264,586 569,107	247,527 250,758 498,285	- - - - - - - - - - - - - - - - - - -	4,034	- - - 
<u>Contingent</u> Sovereign Bank Corporate Total contingent	29,528 9,969 39,497	820,567 917,399 1,737,966	9,634 <u>1,846,661</u> 1,856,295	71,329 841,027 912,356	- 227 463,975 464,202		<u>40,801</u> 40,801
<b>Exposure weighted average LGD (%)</b> Sovereign Bank Corporate	- 26.22% 47.19%	46.80% 37.17% 43.13%	- 34.22% 41.89%	- 41.20% 38.40%	- 41.20% 47.40%	- - 35.53%	- - 43.07%
<b>Exposure weighted average risk weight (%)</b> Sovereign Bank Corporate	- 4.45% 12.11%	15.00% 15.51% 35.90%	31.51% 66.42%	- 75.70% 82.56%	- 122.28% 158.60%	- - 190.89%	- - 88.53%

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for non-retail exposures (continued)

Bank 31 December 2016	0-0.04% RM'000	0.04-0.17% RM'000	0.17-0.59% RM'000	0.59-3.05% RM'000	3.05-12.00% RM'000	12.00-100% RM'000	Default or 100% RM'000
Non-retail exposures (EAD) <u>On balance sheet exposures</u>							
Sovereign	-	5,269,484	-	-	-	-	-
Bank	189,153	8,008,131	277,128	192,229	16,119	9	-
Corporate	123,155	1,502,707	2,224,637	3,127,077	806,760	274,433	1,056,920
Total on-balance sheet exposures	312,308	14,780,322	2,501,765	3,319,306	822,879	274,442	1,056,920
<u>Undrawn commitments</u> Sovereign							
Bank	- 11,886	- 179,070	1,330	- 530	-	-	-
Corporate	29,056	263,753	466,888	589,107	59,504	16.020	8,780
Total undrawn commitments	40,942	442,823	468,218	589,637	59,504	16,020	8,780
<u>Derivatives</u>							
Sovereign	35	74,737	-	-	-	-	-
Bank	3,744	6,170,043	381,122	266,016	-	-	-
Corporate	117,031	575,531	250,729	469,674	13,702	15,787	
Total derivatives	120,810	6,820,311	631,851	735,690	13,702	15,787	
Contingent							
Sovereign	-	-	-	-	-	-	-
Bank	38,391	853,752	6,836	77,803	3,190	3,024	-
Corporate	10,303	1,073,851	1,865,563	1,033,405	563,065	235,602	36,180
Total contingent	48,694	1,927,603	1,872,399	1,111,208	566,255	238,626	36,180
Exposure weighted average LGD (%)							
Sovereign	45.00%	46.42%	-	-	-	-	-
Bank	26.20%	35.09%	35.53%	41.20%	41.20%	37.29%	-
Corporate	44.47%	43.95%	43.79%	39.05%	44.38%	36.22%	41.32%
Exposure weighted average risk weight (%)							
Sovereign	-	19.39%	-	-	-	-	-
Bank	4.51%	15.27%	35.37%	75.96%	122.35%	173.26%	
Corporate	11.16%	33.43%	64.79%	81.16%	148.35%	192.68%	137.65%

#### 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

#### Exposures under the IRB approach by risk grade or PD band for retail exposures

The below tables analyse the Group's and the Bank's PD range of retail exposures.

Group 30 June 2017	0-0.11% RM'000	0.11-0.30% RM'000	0.30-0.43% RM'000	0.43-3.05% RM'000	3.05-9.20% RM'000	9.20-100% RM'000	Default or 100% RM'000
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	337,288	2,622,175	1,295,469	6,305,853	746,087	384,424	192,484
Qualifying revolving retail	27,533	185,739	87,662	711,381	522,439	200,012	187,367
Other retail	556,473	552,184	303,795	1,542,865	387,903	459,873	286,869
Total on-balance sheet exposures	921,294	3,360,098	1,686,926	8,560,099	1,656,429	1,044,309	666,720
Undrawn commitments							
Residential mortgage	2,609	11,684	30,204	554,472	2,265	6,226	2,017
Qualifying revolving retail	422,566	481,760	133,150	703,434	230,220	47,427	_,
Other retail	1,584	28,586	767	173,722	25,149	53,680	5,004
Total undrawn commitments	426,759	522,030	164,121	1,431,628	257,634	107,333	7,021
Exposure weighted average LGD (%)							
Residential mortgage	12.31%	12.42%	12.44%	12.52%	12.48%	12.75%	15.04%
Qualifying revolving retail	67.07%	67.07%	67.07%	67.07%	67.07%	67.07%	60.10%
Other retail	15.30%	17.46%	19.06%	31.33%	50.49%	61.54%	64.76%
Exposure weighted average risk weight (%)							
Residential mortgage	3.03%	5.37%	8.18%	15.69%	43.78%	66.47%	96.09%
Qualifying revolving retail	3.64%	7.43%	12.66%	31.76%	83.18%	168.35%	
Other retail	3.05%	9.16%	11.44%	37.24%	79.27%	136.43%	325.45%

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for retail exposures (continued)

Group 31 December 2016	0-0.11% RM'000	0.11-0.30% RM'000	0.30-0.43% RM'000	0.43-3.05% RM'000	3.05-9.20% RM'000	9.20-100% RM'000	Default or 100% RM'000
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	324,902	2,640,418	1,290,031	6,516,675	719,720	368,926	203,798
Qualifying revolving retail	32,658	198,924	87,210	732,428	525,141	222,569	180,392
Other retail	602,200	600,063	329,041	1,573,653	421,154	501,764	280,363
Total on-balance sheet exposures	959,760	3,439,405	1,706,282	8,822,756	1,666,015	1,093,259	664,553
Undrawn commitments							
Residential mortgage	4,926	34,722	24,731	593,028	3,557	4,999	2,062
Qualifying revolving retail	374,469	483,045	115,382	666,300	227,481	58,490	-
Other retail	1,815	26,882	1,364	309,115	27,001	57,173	3,895
Total undrawn commitments	381,210	544,649	141,477	1,568,443	258,039	120,662	5,957
Exposure weighted average LGD (%)							
Residential mortgage	12.41%	12.51%	12.46%	12.58%	12.48%	12.92%	14.88%
Qualifying revolving retail	67.07%	67.07%	67.07%	67.07%	67.07%	67.07%	60.13%
Other retail	15.04%	18.10%	18.57%	32.62%	54.93%	62.86%	64.87%
Exposure weighted average risk weight (%)							
Residential mortgage	3.04%	5.43%	8.18%	15.88%	43.51%	66.28%	95.40%
Qualifying revolving retail	3.64%	7.43%	12.81%	31.94%	83.59%	168.60%	344.51%
Other retail	3.00%	9.50%	11.21%	38.82%	86.45%	139.37%	301.95%

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for retail exposures (continued)

Bank 30 June 2017	0-0.11% RM'000	0.11-0.30% RM'000	0.30-0.43% RM'000	0.43-3.05% RM'000	3.05-9.20% RM'000	9.20-100% RM'000	Default or 100% RM'000
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	332,496	1,940,985	968,919	4,895,965	575,648	305,326	174,969
Qualifying revolving retail	27,533	185,739	87,662	711,381	522,439	200,012	187,367
Other retail	458,777	427,584	203,908	1,248,770	299,737	407,759	212,089
Total on-balance sheet exposures	818,806	2,554,308	1,260,489	6,856,116	1,397,824	913,097	574,425
Undrawn commitments							
Residential mortgage	1,690	9,838	27,931	456,999	1,738	5,785	2,008
Qualifying revolving retail	422,566	481,760	133,150	703,434	230,220	47,427	-
Other retail	1,515	28,586	767	156,594	24,881	53,680	5,004
Total undrawn commitments	425,771	520,184	161,848	1,317,027	256,839	106,892	7,012
Exposure weighted average LGD (%)							
Residential mortgage	12.25%	12.41%	12.47%	12.57%	12.47%	12.72%	14.89%
Qualifying revolving retail	67.07%	67.07%	67.07%	67.07%	67.07%	67.07%	60.10%
Other retail	15.31%	17.64%	19.56%	30.63%	55.21%	63.31%	60.65%
Exposure weighted average risk weight (%)							
Residential mortgage	3.02%	5.44%	8.20%	15.71%	43.50%	66.47%	95.28%
Qualifying revolving retail	3.64%	7.43%	12.66%	31.76%	83.18%	168.35%	349.16%
Other retail	3.07%	9.22%	11.76%	36.56%	86.87%	141.22%	302.83%

## 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by risk grade or PD band for retail exposures (continued)

Bank 31 December 2016	0-0.11% RM'000	0.11-0.30% RM'000	0.30-0.43% RM'000	0.43-3.05% RM'000	3.05-9.20% RM'000	9.20-100% RM'000	Default or 100% RM'000
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	322,292	2,001,958	996,569	4,939,523	559,249	287,996	181,726
Qualifying revolving retail	32,658	198,924	87,210	732,428	525,141	222,569	180,392
Other retail	502,050	475,101	213,800	1,218,350	326,398	437,822	193,846
Total on-balance sheet exposures	857,000	2,675,983	1,297,579	6,890,301	1,410,788	948,387	555,964
Undrawn commitments							
Residential mortgage	3,977	27,451	21,895	493,104	2,909	4,690	1,835
Qualifying revolving retail	374,469	483,045	115,382	666,300	227,481	58,490	-
Other retail	1,411	26,882	982	240,800	26,471	57,173	3,895
Total undrawn commitments	379,857	537,378	138,259	1,400,204	256,861	120,353	5,730
Exposure weighted average LGD (%)							
Residential mortgage	12.36%	12.52%	12.47%	12.61%	12.47%	12.91%	14.69%
Qualifying revolving retail	67.07%	67.07%	67.07%	67.07%	67.07%	67.07%	60.13%
Other retail	15.04%	18.64%	18.60%	31.39%	57.66%	63.70%	60.66%
Exposure weighted average risk weight (%)							
Residential mortgage	3.03%	5.46%	8.19%	15.71%	43.22%	65.65%	94.41%
Qualifying revolving retail	3.64%	7.43%	12.81%	31.94%	83.59%	168.60%	344.51%
Other retail	3.00%	9.74%	11.23%	37.43%	91.00%	142.25%	304.96%

#### 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

#### Exposures under the IRB approach by expected loss range for retail exposures

The below tables analyse the Group's and the Bank's expected loss range for retail exposures.

Group 30 June 2017	Up to 0.10% RM'000	>0.10 to 0.20% RM'000	>0.20 to 0.50% RM'000	>0.50 to 1.00% > RM'000	1.00 to 30.00% RM'000	>30 to <100% RM'000	100% RM'000
Retail exposures (EAD) On balance sheet exposures							
Residential mortgage	7,854,721	1,909,414	1,020,833	412,187	686,625		
Qualifying revolving retail	62,045	151,227	282,567	203,396	998,348	224,550	-
Other retail	1,843,341	492.994	115,633	376,948	948,538	311,647	861
Total on-balance sheet exposures	9,760,107	2,553,635	1,419,033	992,531	2,633,511	536,197	861
Undrawn commitments							
Residential mortgage	117,699	128,615	352,985	1,399	8,779	_	_
Qualifying revolving retail	536,159	368,167	365,100	269,572	473,391	6.168	_
Other retail	43,265	3,727	132,882	7,793	97,412	3,413	-
Total undrawn commitments	697,123	500,509	850,967	278,764	579,582	9,581	-
Exposure weighted average risk weight (%)							
Residential mortgage	8.44%	17.48%	28.33%	44.77%	73.04%	-	-
Qualifying revolving retail	4.04%	8.05%	16.39%	26.39%	81.59%	321.76%	-
Other retail	14.96%	14.72%	31.53%	49.63%	120.63%	265.29%	1.84%
31 December 2016							
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	7,832,476	2,082,355	1,077,136	388,767	683,736	-	-
Qualifying revolving retail	71,617	159,965	288,260	216,930	1,023,357	219,193	-
Other retail	1,998,557	477,827	108,813	323,482	1,085,368	314,165	26
Total on-balance sheet exposures	9,902,650	2,720,147	1,474,209	929,179	2,792,461	533,358	26
Undrawn commitments							
Residential mortgage	157,785	123,653	376,222	2,074	8,291	-	-
Qualifying revolving retail	492,495	365,019	328,466	250,263	482,469	6,455	-
Other retail	44,511	2,934	265,100	6,969	97,241	10,186	304
Total undrawn commitments	694,791	491,606	969,788	259,306	588,001	16,641	304
Exposure weighted average risk weight (%)							
Residential mortgage	8.44%	17.45%	28.31%	44.43%	73.15%	-	-
Qualifying revolving retail	4.09%	8.08%	16.59%	26.46%	83.58%	315.77%	-
Other retail	10.84%	15.04%	28.50%	52.30%	122.07%	263.15%	-

#### 2.0 Credit risk (continued)

## 2.3 Exposures under IRB approach (continued)

Exposures under the IRB approach by expected loss range for retail exposures (continued)

Bank 30 June 2017	Up to 0.10% RM'000	>0.10 to 0.20% RM'000	>0.20 to 0.50% RM'000	>0.50 to 1.00% > RM'000	1.00 to 30.00% RM'000	>30 to <100% RM'000	100% RM'000
Retail exposures (EAD) On balance sheet exposures							
Residential mortgage	6.074.819	1,431,699	818,944	306,045	562,801		
Qualifying revolving retail	62.045	1,431,699	282,567	203,396	998,348	224,550	-
Other retail	1,466,637	383,008	107,162	242,274	819,549	239,133	861
Total on-balance sheet exposures	7.603.501	1,965,934	1,208,673	751,715	2,380,698	463,683	861
Total off-balance sheet exposures	7,000,001	1,303,334	1,200,075	751,715	2,000,000	403,003	001
Undrawn commitments							
Residential mortgage	102,530	114,785	279,473	1,399	7,802	-	-
Qualifying revolving retail	536,159	368,167	365,100	269,572	473,391	6,168	-
Other retail	42,812	3,631	116,234	7,793	97,144	3,413	-
Total undrawn commitments	681,501	486,583	760,807	278,764	578,337	9,581	-
Exposure weighted average risk weight (%)							
Residential mortgage	8.50%	17.49%	28.32%	44.68%	73.87%		
Qualifying revolving retail	8.50% 4.04%	8.05%	20.32%	44.66% 26.39%	73.87% 81.59%	- 321.76%	-
, , ,							-
Other retail	15.30%	14.63%	31.59%	52.09%	122.74%	264.85%	1.84%
31 December 2016							
Retail exposures (EAD)							
On balance sheet exposures							
Residential mortgage	6,110,498	1,553,122	778,884	296,767	550,042	-	-
Qualifying revolving retail	71,617	159,965	288,260	216,930	1,023,357	219,193	-
Other retail	1,576,416	384,510	87,842	187,763	903,198	227,612	26
Total on-balance sheet exposures	7,758,531	2,097,597	1,154,986	701,460	2,476,597	446,805	26
Undrawn commitments							
Residential mortgage	136,101	106,798	303,781	1,799	7,382		
Qualifying revolving retail	492,495	365,019	328,466	250,263	482,469	6,455	-
Other retail	492,495	2,934	197,495	6,611	482,489 96,962	10,186	- 204
Total undrawn commitments	671.718	474.751	829,742	258,673	586,813	16,641	<u> </u>
	0/1,/10	4/4,/31	023,142	200,073	000,013	10,041	304
Exposure weighted average risk weight (%)							
Residential mortgage	8.44%	17.34%	28.43%	44.45%	73.58%	-	-
Qualifying revolving retail	4.09%	8.08%	16.59%	26.46%	83.58%	315.77%	-
Other retail	10.08%	15.17%	28.99%	53.26%	123.51%	260.14%	-

# 2.0 Credit risk (continued)

# 2.3 Exposures under IRB approach (continued)

The following tables set out exposures subject to the supervisory risk weights under the IRB approach for the Group and the Bank.

Group	Strong or 70%	Good or 90%	Satisfactory or 115%	Weak or 250%	Default or 0%
30 June 2017	RM'000	RM'000	RM'000	RM'000	RM'000
Income producing real estate					
- Total Exposures	-	8,971	243,800	-	
- Risk Weighted Assets	-	8,074	280,370	-	
31 December 2016					
Income producing real estate					
- Total Exposures	-	15,020		-	
- Risk Weighted Assets	-	13,518	-	-	-
Bank	Strong or 70%	Good or 90%	Satisfactory or 115%	Weak or 250%	Default or 0%
30 June 2017	RM'000	RM'000	RM'000	RM'000	RM'000
Income producing real estate					
- Total Exposures	-	8,971	243,800	-	
- Risk Weighted Assets	-	8,074	280,370	-	
31 December 2016					
Income producing real estate					
- Total Exposures	-	15,020		-	
- Risk Weighted Assets	-	13,518		-	-

# 2.0 Credit risk (continued)

# 2.4 Exposures under the Standardised approach

# Risk weights under the Standardised approach

The following tables set out analysis of risk weights under the Standardised approach for the Group and the Bank.

Group 30 June 2017	← Exp Corporates* RM'000	oosures after n Regulatory retail RM'000	etting and cred Residential mortgages RM'000	t risk mitigation Higher risk assets RM'000	Other assets RM'000	Total exposures after netting and credit risk mitigation RM'000	Total risk weighted assets RM'000
Risk weights					100.000	100.000	
0% 20%	-	-	-	-	120,620	120,620	-
35%	-	-	11,494	-	-	11,494	4,023
50%	1,543	443	1	-	-	1,987	994
75%	-	116,823	50	-	-	116,873	87,655
100%	232.159	151,308	529	-	481,909	865,905	865,905
150%		25,479	44	135	-	25,658	38,487
1250%	-	-	-	-	-	-	-
Total exposures	233,702	294,053	12,118	135	602,529	1,142,537	997,064
Risk-weighted assets by exposures	232,931	277,365	4.656	203	481,909	997,064	
			.,				
Average risk weight	99.7%	94.3%	38.4%	150.0%	80.0%	87.3%	
Deduction from capital base		<u>-</u>	-	-		-	
	← Exp	oosures after n	etting and cred	t risk mitigation	<b>&gt;</b>	Total exposures	
				Higher		after netting	Total risk
		Regulatory	Residential	Higher risk	Other	after netting and credit risk	Total risk weighted
31 December 2016	Corporates*	retail	mortgages	risk assets	assets	and credit risk mitigation	weighted assets
	Corporates* RM'000	• •		risk		and credit risk	weighted
Risk weights	RM'000	retail	mortgages	risk assets	assets RM'000	and credit risk mitigation RM'000	weighted assets
Risk weights 0%	•	retail	mortgages	risk assets	assets	and credit risk mitigation	weighted assets
Risk weights 0% 20%	RM'000	retail	mortgages RM'000 - -	risk assets	assets RM'000	and credit risk mitigation RM'000 151,266	weighted assets RM'000 - -
<b>Risk weights</b> 0% 20% 35%	<b>RM'000</b> 382	retail RM'000 - - -	mortgages RM'000 - - 12,388	risk assets	assets RM'000	and credit risk mitigation RM'000 151,266 - 12,388	weighted assets RM'000 - - 4,342
<b>Risk weights</b> 0% 20% 35% 50%	RM'000	retail	mortgages RM'000 - -	risk assets	assets RM'000	and credit risk mitigation RM'000 151,266 - 12,388 4,067	weighted assets RM'000 - -
<b>Risk weights</b> 0% 20% 35%	RM'000 382 - 3,658	retail RM'000 - - - 407	mortgages RM'000 - 12,388 2	risk assets RM'000 - - - - -	assets RM'000	and credit risk mitigation RM'000 151,266 - 12,388	weighted assets RM'000 - - 4,342 2,034
<b>Risk weights</b> 0% 20% 35% 50% 75%	RM'000 382 - 3,658	retail RM'000 - - 407 56,820	mortgages RM'000 - 12,388 2 50	risk assets RM'000 - - - - -	assets RM'000 150,884 - - - -	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870	weighted assets RM'000 - 4,342 2,034 42,653
<b>Risk weights</b> 0% 20% 35% 50% 75% 100%	RM'000 382 - 3,658 - 358,447	retail RM'000 - - 407 56,820 180,160	mortgages RM'000 - 12,388 2 50 340	risk assets RM'000 - - - - - - - - - - - -	assets RM'000 150,884 - - - - 453,504	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870 992,451	weighted assets RM'000 - 4,342 2,034 42,653 992,451
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150%	RM'000 382 3,658 358,447 218	retail RM'000 - - 407 56,820 180,160 27,441	mortgages RM'000 - 12,388 2 50 340 44	risk assets RM'000 - - - - - - - - - - - - - - - - - -	assets RM'000 150,884 - - - 453,504 -	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870 992,451 27,840	weighted assets RM'000 - 4,342 2,034 42,653 992,451 41,760
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250%	RM'000 382 - 3,658 - 358,447 218 -	retail RM'000 - - 407 56,820 180,160 27,441 -	mortgages RM'000 - 12,388 2 50 340 44 -	risk assets RM'000 - - - - - - 137 -	assets RM'000 150,884 - - - 453,504 - 1,658	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870 992,451 27,840 1,658	weighted assets RM'000 - - 4,342 2,034 42,653 992,451 41,760 20,725
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted	RM'000 382 - 3,658 - 358,447 218 -	retail RM'000 - - 407 56,820 180,160 27,441 -	mortgages RM'000 - 12,388 2 50 340 44 -	risk assets RM'000 - - - - - - 137 -	assets RM'000 150,884 - - - 453,504 - 1,658	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870 992,451 27,840 1,658	weighted assets RM'000 - - 4,342 2,034 42,653 992,451 41,760 20,725
Risk weights 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted assets by	RM'000 382 - 3,658 - 358,447 218 - 362,705	retail RM'000 - - 407 56,820 180,160 27,441 - 264,828	mortgages RM'000 - - 12,388 2 50 340 44 - 12,824	risk assets RM'000 - - - - 137 - 137	assets RM'000 150,884 - - 453,504 - 1,658 606,046	and credit risk mitigation RM'000 151,266 - 12,388 4,067 56,870 992,451 27,840 1,658 1,246,540	weighted assets RM'000 - - 4,342 2,034 42,653 992,451 41,760 20,725

# 2.0 Credit risk (continued)

## 2.4 Exposures under the Standardised approach (continued)

Risk weights under the Standardised approach (continued)

Bank	← Exposures after netting and credit risk mitigation → Total exposure Higher after netting						Total risk
30 June 2017	Corporates* RM'000	Regulatory retail RM'000	Residential mortgages RM'000	risk assets RM'000	Other assets RM'000	and credit risk mitigation RM'000	weighted assets RM'000
Risk weights	1111 000	1100 000	1111 000	1111 000	1111 000		1111 000
0%	-	-	-	-	117,705	117,705	-
20%	-	-	-	-	-	-	-
35%	-	-	10,854	-	-	10,854	3,799
50%	1,542	-	1	-	-	1,543	772
75%	-	107,854	50	-	-	107,904	80,928
100%	179,892	1,316	529	-	417,689	599,426	599,426
150%	-	21,131	44	135	-	21,310	31,965
1250%	-	-	-	-	-	-	-
Total exposures	181,434	130,301	11,478	135	535,394	858,742	716,890
Risk-weighted assets by							
exposures	180,663	113,903	4,432	203	417,689	716,890	
Average risk weight	99.6%	87.4%	38.6%	150.0%	78.0%	83.5%	
0							
Deduction from capital base		_		-	-	-	
	<ul> <li>Exposures after netting and credit risk mitigation</li> <li>Total exposures</li> <li>Higher</li> </ul>						
	<b>←</b> Exp	oosures after n	etting and credi	t risk mitigation <b>Higher</b>	>	Total exposures after netting	Total risk
	← Exp	oosures after n Regulatory	etting and credi Residential	-	→ Other	after netting and credit risk	Total risk weighted
31 December 2016	← Exp Corporates*		-	Higher		after netting	
		Regulatory	Residential	Higher risk	Other	after netting and credit risk	weighted
Risk weights	Corporates* RM'000	Regulatory retail	Residential mortgages	Higher risk assets	Other assets RM'000	after netting and credit risk mitigation RM'000	weighted assets
Risk weights 0%	Corporates*	Regulatory retail	Residential mortgages	Higher risk assets	Other assets	after netting and credit risk mitigation	weighted assets
<b>Risk weights</b> 0% 20%	Corporates* RM'000	Regulatory retail	Residential mortgages RM'000	Higher risk assets	Other assets RM'000	after netting and credit risk mitigation RM'000 147,880	weighted assets RM'000 - -
<b>Risk weights</b> 0% 20% 35%	Corporates* RM'000 382 -	Regulatory retail	Residential mortgages RM'000	Higher risk assets RM'000 - -	Other assets RM'000 147,498	after netting and credit risk mitigation RM'000 147,880 12,037	weighted assets RM'000 - - 4,221
<b>Risk weights</b> 0% 20% 35% 50%	Corporates* RM'000 382 - 3,658	Regulatory retail RM'000 - - - - -	Residential mortgages RM'000	Higher risk assets RM'000 - - - -	Other assets RM'000 147,498	after netting and credit risk mitigation RM'000 147,880 12,037 3,660	weighted assets RM'000 - 4,221 1,830
<b>Risk weights</b> 0% 20% 35% 50% 75%	Corporates* RM'000 382 - 3,658 -	Regulatory retail RM'000 - - - - 44,715	Residential mortgages RM'000 12,037 2 50	Higher risk assets RM'000 - - - - - - -	Other assets RM'000 147,498 - - - -	after netting and credit risk mitigation RM'000 147,880 12,037 3,660 44,765	weighted assets RM'000 - 4,221 1,830 33,574
<b>Risk weights</b> 0% 20% 35% 50% 75% 100%	Corporates* RM'000 382 - 3,658 - 289,398	Regulatory retail RM'000 - - - - 44,715 1,765	Residential mortgages RM'000 12,037 2 50 340	Higher risk assets RM'000 - - - - - - - - - - - - -	Other assets RM'000 147,498	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150%	Corporates* RM'000 382 - 3,658 -	Regulatory retail RM'000 - - - - 44,715	Residential mortgages RM'000 12,037 2 50	Higher risk assets RM'000 - - - - - - -	Other assets RM'000 147,498 - - - - - - - - - - - - - - - - - - -	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250%	Corporates* RM'000 382 - - 3,658 - 289,398 218 -	Regulatory retail RM'000 - - - - 44,715 1,765	Residential mortgages RM'000 12,037 2 50 340	Higher risk assets RM'000 - - - - - - - - - - - - -	Other assets RM'000 147,498 - - - -	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150%	Corporates* RM'000 382 - 3,658 - 289,398	Regulatory retail RM'000 - - - 44,715 1,765 23,371 -	Residential mortgages RM'000 12,037 2 50 340 44	Higher risk assets RM'000 - - - - - - - - - - - - - - - - - -	Other assets RM'000 147,498 - - - 382,845 - 1,658	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250%	Corporates* RM'000 382 - - 3,658 - 289,398 218 -	Regulatory retail RM'000 - - - 44,715 1,765 23,371 -	Residential mortgages RM'000 12,037 2 50 340 44	Higher risk assets RM'000 - - - - - - - - - - - - - - - - - -	Other assets RM'000 147,498 - - - 382,845 - 1,658	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures	Corporates* RM'000 382 - - 3,658 - 289,398 218 -	Regulatory retail RM'000 - - - 44,715 1,765 23,371 - - 69,851	Residential mortgages RM'000 12,037 2 50 340 44	Higher risk assets RM'000 - - - - - - - - - - - - - - - - - -	Other assets RM'000 147,498 - - - 382,845 - 1,658	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
<b>Risk weights</b> 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted	Corporates* RM'000 382 - - 3,658 - 289,398 218 -	Regulatory retail RM'000 - - - 44,715 1,765 23,371 -	Residential mortgages RM'000 12,037 2 50 340 44	Higher risk assets RM'000 - - - - - - - - - - - - - - - - - -	Other assets RM'000 147,498 - - - 382,845 - 1,658	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
Risk weights 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted assets by exposures	Corporates* RM'000 382 - - 3,658 - 289,398 218 - 293,656	Regulatory retail RM'000 - - - 44,715 1,765 23,371 - - 69,851	Residential mortgages RM'000	Higher risk assets RM'000 - - - - - 137 - 137	Other assets RM'000 147,498 - - 382,845 - 1,658 532,001	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
Risk weights 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted assets by exposures Average risk	Corporates* RM'000 382 - - 3,658 - 289,398 218 - 293,656 293,656	Regulatory retail RM'000 - - - 44,715 1,765 23,371 - - 69,851 70,358	Residential mortgages RM'000	Higher risk assets RM'000 - - - - 137 - 137 206	Other assets RM'000 147,498 - - 382,845 - 1,658 532,001	after netting and credit risk mitigation RM'000 147,880 - 12,037 3,660 44,765 674,348 23,770 1,658 908,118 770,353	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
Risk weights 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted assets by exposures	Corporates* RM'000 382 - - 3,658 - 289,398 218 - 293,656	Regulatory retail RM'000 - - - 44,715 1,765 23,371 - - 69,851	Residential mortgages RM'000	Higher risk assets RM'000 - - - - - 137 - 137	Other assets RM'000 147,498 - - 382,845 - 1,658 532,001	after netting and credit risk mitigation RM'000 147,880 	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725
Risk weights 0% 20% 35% 50% 75% 100% 150% 1250% Total exposures Risk-weighted assets by exposures Average risk	Corporates* RM'000 382 - - 3,658 - 289,398 218 - 293,656 293,656	Regulatory retail RM'000 - - - 44,715 1,765 23,371 - - 69,851 70,358	Residential mortgages RM'000	Higher risk assets RM'000 - - - - 137 - 137 206	Other assets RM'000 147,498 - - 382,845 - 1,658 532,001	after netting and credit risk mitigation RM'000 147,880 - 12,037 3,660 44,765 674,348 23,770 1,658 908,118 770,353	weighted assets RM'000 - 4,221 1,830 33,574 674,348 35,655 20,725

\* All corporate standardised exposures are unrated.

## 2.0 Credit risk (continued)

#### 2.5 Problem credit management and provisioning

#### Impairment provisions analysed by borrowers' business or industry

The following tables show the Group's and the Bank's collective impairment provisions and movement in individual impairment provisions by each principal category of borrowers' business or industry.

Group 30 June 2017	Collective impairment provisions as at 30 June 2017 RM'000	Individual impairment provisions held as at 1 January 2017 RM'000	Transfer from provision for commitments and contingencies RM'000	Net individual impairment charge during the financial year RM'000	Amounts written off or other movements during the financial year RM'000	Individual impairment provisions held as at 30 June 2017 RM'000
Mortgages	43,077	47,111	-	30,624	(22,573)	55,162
Others	164,524	100,875	-	72,589	(67,585)	105,879
Retail Clients	207,601	147,986	-	103,213	(90,158)	161,041
Agriculture Mining and quarrying	3,563 8.416	20,798	-	(814)	-	19,984
Manufacturing	49,720	536,304	-	7,811	(33,860)	510,255
Electricity, gas and water	1,232	-	-	-	-	
Construction	11,226	689	-	1,327	-	2,016
Real estate	7,288	-	-	-	-	-
Wholesale & retail trade and restaurants & hotels	21,746	58,901	-	4,692	(6,221)	57,372
Transportation, storage and communication	10,761	3,443	-	2,378	(309)	5,512
Finance, insurance and business services	33,044	-	-	-	-	-
Household	12	-	-	-	-	-
Others	2,333	-	-	-	-	
Corporates, Institutional and Commercial Clients	149,341	620,135	-	15,394	(40,390)	595,139
Total Impairment Provisions	356,942	768,121	-	118,607	(130,548)	756,180

## 2.0 Credit risk (continued)

## 2.5 Problem credit management and provisioning (continued)

Impairment provisions analysed by borrowers' business or industry (continued)

	47,111
Mortgages 40,033 47,694 - 36,094 (36,677)	
Others 194,889 104,236 - 177,775 (181,136)	100,875
Retail Clients 234,922 151,930 - 213,869 (217,813)	147,986
Agriculture 3,945 20,623 - 860 (685)	20,798
Mining and quarrying 5,621	-
Manufacturing 60,054 445,661 102,388 98,164 (109,909)	536,304
Electricity, gas and water 1,108	-
Construction 14,167 1,496 - 620 (1,427)	689
Real estate 7,802	-
Wholesale & retail trade and restaurants & hotels         25,725         81,121         -         30,998         (53,218)	58,901
Transportation, storage and communication9,6221,928-3,186(1,671)	3,443
Finance, insurance and business services 36,177	-
Household 18	-
Others 2,470	-
Corporates, Institutional and Commercial Clients         166,709         550,829         102,388         133,828         (166,910)	620,135
Total Impairment Provisions 401,631 702,759 102,388 347,697 (384,723)	768,121

## 2.0 Credit risk (continued)

### 2.5 Problem credit management and provisioning (continued)

Impairment provisions analysed by borrowers' business or industry (continued)

Bank 30 June 2017	Collective impairment provisions as at 30 June 2017 RM'000	Individual impairment provisions held as at 1 January 2017 RM'000	Transfer from provision for commitments and contingencies RM'000	Net individual impairment charge during the financial year RM'000	Amounts written off or other movements during the financial year RM'000	Individual impairment provisions held as at 30 June 2017 RM'000
Mortgages	35,285	42,464	-	21,215	(16,663)	47,016
Others	127,050	80,545	-	48,382	(42,740)	86,187
Retail Clients	162,335	123,009	-	69,597	(59,403)	133,203
Agriculture Mining and quarrying	282 6.532	20,798	-	(814)	-	19,984
Manufacturing	44,277	535,120	-	8,767	(33,860)	510,027
Electricity, gas and water	1,212	-	-	-	-	-
Construction	10,230	689	-	1,327	-	2,016
Real estate	6,721	-	-	-	-	-
Wholesale & retail trade and restaurants & hotels	17,986	58,900	-	4,692	(6,221)	57,371
Transportation, storage and communication	10,178	3,443	-	-	(309)	3,134
Finance, insurance and business services	30,194	-	-	-	-	-
Household	12	-		-	-	-
Others	2,013	-	-	-	-	-
Corporates, Institutional and Commercial Clients	129,637	618,950	-	13,972	(40,390)	592,532
Total Impairment Provisions	291,972	741,959	-	83,569	(99,793)	725,735

## 2.0 Credit risk (continued)

## 2.5 Problem credit management and provisioning (continued)

Impairment provisions analysed by borrowers' business or industry (continued)

Bank 31 December 2016	Collective impairment provisions as at 31 December 2016 RM'000	Individual impairment provisions held as at 1 January 2016 RM'000	Transfer from provision for commitments and contingencies RM'000	Net individual impairment charge during the financial year RM'000	Amounts written off or other movements during the financial year RM'000	Individual impairment provisions held as at 31 December 2016 RM'000
Mortgages	33,018	44,284	-	27,285	(29,105)	42,464
Others	144,580	80,208	-	112,379	(112,042)	80,545
Retail Clients	177,598	124,492	-	139,664	(141,147)	123,009
Agriculture Mining and quarrying	148 4.977	20,623	-	860	(685)	20,798
Manufacturing	52,170	444,477	102,388	98,164	(109,909)	535,120
Electricity, gas and water	1,108	-	-	-	-	-
Construction	12,801	1,496	-	620	(1,427)	689
Real estate	7,145	-	-	-	-	-
Wholesale & retail trade and restaurants & hotels	20,522	81,121	-	30,998	(53,219)	58,900
Transportation, storage and communication	8,933	1,928	-	3,186	(1,671)	3,443
Finance, insurance and business services	33,354	-	-	-	-	-
Household	18	-		-	-	-
Others	2,191	-	-	-	-	
Corporates, Institutional and Commercial Clients	143,367	549,645	102,388	133,828	(166,911)	618,950
Total Impairment Provisions	320,965	674,137	102,388	273,492	(308,058)	741,959

## 2.0 Credit risk (continued)

## 2.5 Problem credit management and provisioning (continued)

The following table analyses the Group's and the Bank's loans, advances and financing past due but not impaired, analysed by borrowers' business or industry.

	Gro	oup	Bank	
	30 June 2017 RM'000	31 December 2016 RM'000	30 June 2017 RM'000	31 December 2016 RM'000
Mortgages	1,288,893	1,192,222	969,066	877,358
Others	343,982	391,774	249,851	284,941
Retail Clients	1,632,875	1,583,996	1,218,917	1,162,299
Manufacturing	78,861	82,737	78,861	82,737
Construction	-	2,000	-	2,000
Wholesale & retail trade and restaurants & hotels	6,116	42,338	6,116	42,338
Finance, insurance and business services	9,004	27,314	9,004	27,314
Education, Health & Others	5,313	4,921	5,313	4,921
Corporates, Institutional and Commercial Clients	99,294	159,310	99,294	159,310

The following table analyses the Group's and the Bank's loans, advances and financing past due but not impaired, analysed by significant geographical areas.

	Group		Bank	
	2017 RM'000	2016 RM'000	2017 RM'000	2016 RM'000
Malaysia	1,732,169	1,743,306	1,318,211	1,321,609

## 2.0 Credit risk (continued)

## 2.6 Summary analysis of financing and advances

The following tables show the Group's and the Bank's impaired loans, advances and financing, individual impairment provisions and collective impairment provisions by significant geographical areas.

Group	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
30 June 2017			
Gross impaired loans, advances and financing	1,294,294	163	1,294,457
Individual impairment provisions	756,017	163	756,180
Collective impairment provisions	354,613	2,329	356,942
31 December 2016			
Gross impaired loans, advances and financing	1,378,962	80	1,379,042
Individual impairment provisions	768,041	80	768,121
Collective impairment provisions	401,096	535	401,631
Bank			
30 June 2017			
Gross impaired loans, advances and financing	1,246,184	163	1,246,347
Individual impairment provisions	725,572	163	725,735
Collective impairment provisions	289,643	2,329	291,972
31 December 2016			
Gross impaired loans, advances and financing	1,322,079	80	1,322,159
Individual impairment provisions	741,879	80	741,959
Collective impairment provisions	320,430	535	320,965

## 2.0 Credit risk (continued)

#### 2.7 Off-balance sheet and counterparty credit risk

The following tables analyse the Group's and the Bank's off-balance sheet and counterparty credit risk.

Group 30 June 2017	Principal amount RM'000	Positive fair value of contracts RM'000	Negative fair value of contracts RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Direct credit substitutes Transaction related contingent items Short term self liquidating trade	1,566,967 3,819,938	-	-	1,566,967 3,819,938	1,038,223 1,233,090
related contingencies Sell and buy back agreements Foreign exchange related contracts	181,124	-	-	179,955	65,821
One year or less	57,996,292	1,122,365	1,277,960	2,097,694	605,189
Over one year to five years	10,901,125	1,023,224	801,020	1,739,074	583,011
Over five years	1,456,594	100,335	254,552	255,968	98,201
Interest/profit rate related contracts	1,450,594	100,335	204,002	255,900	90,201
One year or less	21,130,403	112,929	127,313	150,583	19,176
Over one year to five years	29,811,349	137,045	143,393	821,226	207,594
Over five years	5,944,452	81,453	71,500	499,711	96,935
Equity related contracts	5,944,452	01,455	71,500	499,711	90,935
One year or less	46,173	1,755	97	2,083	122
Over one year to five years	46,173 55,379	4,099	97	2,003 8,376	803
Over five years	55,579	4,099	-	0,370	003
Commodity contracts	-	-	-	-	-
One year or less	2,725,546	102,468	102,468	186.525	93,423
	2,725,546	13,886	13,886	,	93,423 83,926
Over one year to five years Over five years	1,142,441	13,000	13,000	89,239	03,920
Credit derivative contracts *	-	-	-	-	-
One year or less					
	- 48,861	- 704	-	- 0 1 4 7	1 207
Over one year to five years Over five years	48,801	704	-	3,147	1,297
Other commitments, such as formal standby facilities and credit lines, with an original	-	-	-	-	-
maturity of over one year Other commitments, such as formal standby facilities and credit lines, with an original	2,328,394	-	-	587,379	568,846
maturity of up to one year Any commitments that are unconditionally cancellable at any time by the bank without prior notice or that effectively provide for automatic cancellation due to deterioration	1,031,685	-	-	872,797	382,926
in a borrower's creditworthiness	33,712,432	-	-	3,423,513	1,569,457
	173,899,155	2,700,263	2,792,189	16,304,175	6,648,040
		_,. 30,200	_,. 52,100		0,010,010

* Credit derivative contracts Total return swap	Principal amount RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
- protection sold	48,861	3,147	1,297

## 2.0 Credit risk (continued)

#### 2.7 Off-balance sheet and counterparty credit risk (continued)

Group 31 December 2016	Principal amount RM'000	Positive fair value of contracts RM'000	Negative fair value of contracts RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Direct credit substitutes	2,141,367	-	-	2,141,367	1,284,151
Transaction related contingent items	3,776,779	-	-	3,776,779	1,175,690
Short term self liquidating trade					
related contingencies	184,446	-	-	183,862	37,893
Sell and buy back agreements					
Foreign exchange related contracts					
One year or less	49,581,064	2,159,245	1,692,979	3,009,224	689,570
Over one year to five years	12,551,181	1,097,546	1,438,512	1,961,981	772,759
Over five years	2,641,904	589,142	349,215	870,460	136,908
Interest/profit rate related contracts					
One year or less	21,155,218	19,138	24,695	53,426	7,569
Over one year to five years	32,199,345	246,884	232,280	890,570	188,180
Over five years	7,761,427	89,327	86,809	618,786	120,372
Equity related contracts					
One year or less	45,410	678	-	2,420	141
Over one year to five years	88,053	3,024	252	9,316	959
Over five years	-	-	-	-	-
Commodity contracts					
One year or less	5,080,399	194,651	194,651	464,394	157,652
Over one year to five years	2,087,097	36,971	36,971	168,380	102,698
Over five years	-	-	-	-	-
Credit derivative contracts *					
One year or less	-	-	-	-	-
Over one year to five years	20,475	532	-	1,556	396
Over five years	-	-	-	-	-
Other commitments, such as formal standby					
facilities and credit lines, with an original					
maturity of over one year	2,429,059	-	-	694,304	587,007
Other commitments, such as formal standby					
facilities and credit lines, with an original					
maturity of up to one year	891,397	-	-	853,576	206,096
Any commitments that are unconditionally					
cancellable at any time by the bank without					
prior notice or that effectively provide for					
automatic cancellation due to deterioration					
in a borrower's creditworthiness	35,366,484	-		3,319,379	1,534,299
	178,001,105	4,437,138	4,056,364	19,019,780	7,002,340

* Credit derivative contracts	Principal amount RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Total return swaps - protection sold	20,475	1,556	396

## 2.0 Credit risk (continued)

#### 2.7 Off-balance sheet and counterparty credit risk (continued)

Bank 30 June 2017	Principal amount RM'000	Positive fair value of contracts RM'000	Negative fair value of contracts RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Direct credit substitutes Transaction related contingent items Short term self liquidating trade	1,558,102 3,595,268	-	-	1,559,456 3,659,651	1,036,013 1,198,882
related contingencies Sell and buy back agreements	102,208	-	-	101,039	40,915
Foreign exchange related contracts					
One year or less	57,996,290	1,128,777	1,277,965	2,097,696	603,664
Over one year to five years	10,901,125	1,023,224	801,020	2,011,657	671,559
Over five years	1,456,594	100,335	254,552	255,968	98,201
Interest rate related contracts					
One year or less	21,130,403	112,929	127,313	150,583	19,176
Over one year to five years	29,787,620	137,045	143,393	820,751	222,374
Over five years	5,944,452	81,453	71,500	499,711	96,935
Equity related contracts					
One year or less	46,173	1,755	97	2,083	122
Over one year to five years	74,990	4,099	978	9,945	1,334
Over five years	-	-	-	-	-
Commodity contracts					
One year or less	2,725,546	102,468	102,468	186,525	93,423
Over one year to five years	1,142,441	13,886	13,886	89,239	83,926
Over five years	-	-	-	-	-
Credit derivative contracts *					
One year or less	-	-	-	-	-
Over one year to five years	48,861	704	-	3,147	1,297
Over five years	-	-	-	-	-
Other commitments, such as formal standby					
facilities and credit lines, with an original					
maturity of over one year	1,963,062	-	-	555,951	535,272
Other commitments, such as formal standby	1,000,002			000,001	000,272
facilities and credit lines, with an original					
maturity of up to one year	891,252	_	-	747,701	351,304
Any commitments that are unconditionally	001,202			747,701	001,004
cancellable at any time by the bank without					
prior notice or that effectively provide for					
automatic cancellation due to deterioration					
in a borrower's creditworthiness	26 601 000			3.243.450	1 400 070
In a borrower's creditworthiness	36,621,982	-		-, -,	1,402,273
	175,986,369	2,706,675	2,793,172	15,994,553	6,456,670

* Credit derivative contracts	Principal amount RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Total return swap - protection sold	48,861	3,147	1,297

## 2.0 Credit risk (continued)

#### 2.7 Off-balance sheet and counterparty credit risk (continued)

Bank 31 December 2016	Principal amount RM'000	Positive fair value of contracts RM'000	Negative fair value of contracts RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Direct credit substitutes Transaction related contingent items	2,138,550 3,564,104	-	-	2,139,904 3,619,175	1,283,614 1,153,576
Short term self liquidating trade related contingencies Sell and buy back agreements	143,256	-	-	146,281	28,906
Foreign exchange related contracts					
One year or less	49,536,213	2,159,117	1,691,254	3,007,750	686,077
Over one year to five years	12,551,180	1,145,132	1,474,682	2,249,466	868,321
Over five years	2,641,904	589,142	349,215	870,460	136,908
Interest rate related contracts		,	,	,	,
One year or less	21,155,218	19,138	24,695	53,426	7,569
Over one year to five years	32,174,557	246,884	232,280	889,910	206,389
Over five years	7,761,427	89,327	86,809	618,786	120,372
Equity related contracts	, - ,	) -	,	,	- , -
One year or less	45,410	678	-	2,420	141
Over one year to five years	107,664	3,775	583	11,636	1,844
Over five years	-	-	-	-	-
Commodity contracts					
One year or less	5,080,399	194,651	194,651	464,394	157,652
Over one year to five years	2,087,097	36,971	36,971	168,380	102,698
Over five years	_,,	-	-	-	-
Credit derivative contracts **					
One year or less	-	-	-	-	-
Over one year to five years	20,475	532	-	1,556	396
Over five years	-	-	-	-	-
Other commitments, such as formal standby					
facilities and credit lines, with an original					
maturity of over one year	2,024,073	-	-	601,746	509,514
Other commitments, such as formal standby	2,02 1,07 0			001,710	000,011
facilities and credit lines, with an original					
maturity of up to one year	707,356	_	-	670,739	159,368
Any commitments that are unconditionally	101,000			070,700	100,000
cancellable at any time by the bank without					
prior notice or that effectively provide for					
automatic cancellation due to deterioration					
in a borrower's creditworthiness	37,985,421	_	_	3,162,382	1,414,459
	179,724,304	4.485.347	4.091.140	18,678,411	6,837,804
	1/9,/24,304	4,480,347	4,091,140	10,0/0,411	0,037,804

* Credit derivative contracts	Principal amount RM'000	Credit equivalent amount RM'000	Risk weighted assets RM'000
Total return swaps - protection sold	20,475	1,556	396

## 2 Credit risk (continued)

## 2.8 Actual losses

The tables below show net individual impairment charges raised and write off during the financial period ended 30 June 2017 versus 30 June 2016 for IRB exposure classes. The net individual impairment charge is a point in time actual charge raised in accordance with accounting standards that require the Bank to either provide for or write-off debts when certain conditions are met.

### Group

Other Retail

	30 June 2017 Actual losses RM'000	30 June 2016 Actual losses RM'000
Corporates	15,296	8,890
Residential Mortgages	30,624	16,635
Qualifying Revolving Retail Exposures	37,953	44,006
Other Retail	85,981	112,880
	169,854	182,411
Bank	30 June 2017 Actual losses RM'000	30 June 2016 Actual losses RM'000
Corporates Residential Mortgages Qualifying Revolving Retail Exposures	13,874 21,215 37,953	8,890 13,513 44,006

The lower actual loss as compared to the corresponding year was mainly due to one-off provision made for retail customers in previous year.

61,774

134,816

75,814

142,223

## 3. Market risk (Interest rate risk)

The tables below detail the disclosure for interest rate risk in the banking book, the increase or decline in earnings and economic value for upward and downward rate shocks which are consistent with shocks applied in stress test for measuring interest rate risk, broken down by major currency exposures where relevant:-

Group	at reporting period ) parallel shift	
30 June 2017	Increase/(Decline)	Increase/(Decline)
	in earnings at risk	in economic value
Type of Currency	RM'000	RM'000
MYR	69,257	(13,979)
USD	(42,289)	(14,424)
EUR	(4,196)	17
GBP	618	(17)
JPY	(4,163)	42
SGD	297	(1)
AUD	(4,985)	238
NZD	191	(1)
HKD	(20)	2
BND	(3,113)	28
CNY	(346)	30
CAD	453	(34)
CHF	136	(1)
QAR	47	0
NOK	621	0

Group	at reporting period ) parallel shift	
31 December 2016	Increase/(Decline)	Increase/(Decline)
	in earnings at risk	in economic value
Type of Currency	RM'000	RM'000
MYR	15,543	11,812
USD	6,479	4,924
EUR	(5,248)	(3,988)
GBP	(3,633)	(2,761)
JPY	(37)	(28)
SGD	(2,426)	(1,844)
AUD	(4,615)	(3,507)
NZD	(378)	(287)
HKD	(299)	(227)
BND	108	82
CNY	201	153
CAD	383	291
CHF	188	143
QAR	19	14
NOK	27	21

## 3. Market risk (interest rate risk) (continued)

Bank	Impact on positions as at reporting period (200 basis points) parallel shift		
30 June 2017	Increase/(Decline) in earnings at risk	Increase/(Decline) in economic value	
Type of Currency	RM'000	RM'000	
MYR	63,334	(10,596)	
USD	(35,746)	(6,448)	
EUR	(4,237)	17	
GBP	618	(17)	
JPY	(4,163)	42	
SGD	297	(1)	
AUD	(4,985)	238	
NZD	191	(1)	
HKD	(20)	2	
BND	(3,113)	28	
CNY	(346)	30	
CAD	453	(34)	
CHF	136	(1)	
QAR	47	0	
NOK	621	0	

Bank	Impact on positions as at reporting perio (200 basis points) parallel shift		
31 December 2016	Increase/(Decline) in earnings at risk	Increase/(Decline) in economic value	
Type of Currency	RM'000	RM'000	
MYR	808	614	
USD	11,174	8,492	
EUR	(5,249)	(3,989)	
GBP	(3,633)	(2,761)	
JPY	(37)	(28)	
SGD	(2,426)	(1,844)	
AUD	(4,615)	(3,507)	
NZD	(378)	(287)	
HKD	(299)	(227)	
BND	108	82	
CNY	201	153	
CAD	383	291	
CHF	188	143	
QAR	19	14	
NOK	27	21	

# 4.0 Equity exposures in banking book

Table below details the equity exposures in banking book of the Group.

	30-Jun-17		31-Dec	31-Dec-16	
	Gross	Risk	Gross	Risk	
Group and Bank	exposures RM'000	assets RM'000	exposures RM'000	assets RM'000	
Privately Held For socio-economic purposes	9,098	9,098	9,098	9,098	

# **Chief Executive Officer Attestation**

In accordance with Bank Negara Malaysia's Risk Weighted Capital Adequacy Framework (Basel II) – Disclosure Requirements (Pillar 3), I hereby attest that to the best of my knowledge, the disclosures contained in Standard Chartered Bank Malaysia Berhad's Pillar 3 Disclosures report for the financial period ended 30 June 2017 are consistent with the manner in which the Group and the Bank assesses and manages its risk, and are not misleading in any particular way.

Mahendra Gursahani Chief Executive Officer

Date: 13 September 2017