

Guidance Note

Validation and verification of the '8.4 Lending by Sector' Sheet

Relevant to the JFSC's prudential reporting requirements of JIBs

Issued: March 2019

1 Overview

General points

- 1.1 The validation and verification checks performed on submission are set out herein.
- 1.2 Excel data validation in the template is limited as follows:
 - 1.2.1 For monetary amounts, cells have been restricted so that only integers in the range -1,000,000,000 to +1,000,000,000 can be entered, unless otherwise noted. As the unit is £1,000, this means that values of +/- £1 trillion are permitted.
 - 1.2.2 Excel only checks validation on direct input and/or if manually requested so it should not be considered to be a failsafe – *JIBs* should check their data and the *JFSC* will check the data on submission.
 - 1.2.3 Submission of the template to the *JFSC* will prompt the checks to run. If all checks re passed, the submission will be accepted, this fact communicated to the *JIB* together with a list of any warnings.
- 1.3 In the tables below, both the item (in bold) and the Excel Location (Sheet and Cell reference) are provided.
- 1.4 When a test is failed, the message received will be as described herein.
- 1.5 The '**Check**' is a unique identifier for each test, provided within the message to enable the recipient to match the error message to this guidance.

2 Data input validation

Validation of cells where data entry expected or that should be left blank

- 2.1 The table in this Section outlines the tests performed on cells where data entry is expected or that should be left blank (and are locked in the Excel workbook). Calculated fields are addressed in Section 3.

Check	Sheet	Item	Column	Cell Ref	Validation Message
1	8.4 Lending by Sector	A.1	Local	C3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
2	8.4 Lending by Sector	A.1	Non Local	D3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
3	8.4 Lending by Sector	A.2	Local	C4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
4	8.4 Lending by Sector	A.2	Non Local	D4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
5	8.4 Lending by Sector	A.3	Local	C5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
6	8.4 Lending by Sector	A.3	Non Local	D5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
7	8.4 Lending by Sector	A.4	Local	C6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
8	8.4 Lending by Sector	A.4	Non Local	D6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
9	8.4 Lending by Sector	A.5.1	Local	C7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
10	8.4 Lending by Sector	A.5.1	Non Local	D7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
11	8.4 Lending by Sector	A.5.2	Local	C8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
12	8.4 Lending by Sector	A.5.2	Non Local	D8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
13	8.4 Lending by Sector	A.5.3	Local	C9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

Check	Sheet	Item	Column	Cell Ref	Validation Message
14	8.4 Lending by Sector	A.5.3	Non Local	D9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
15	8.4 Lending by Sector	A.5.4	Local	C10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
16	8.4 Lending by Sector	A.5.4	Non Local	D10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
17	8.4 Lending by Sector	A.5.5	Local	C11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
18	8.4 Lending by Sector	A.5.5	Non Local	D11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
19	8.4 Lending by Sector	A.5.6	Local	C12	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
20	8.4 Lending by Sector	A.5.6	Non Local	D12	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
21	8.4 Lending by Sector	A.6	Local	C13	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
22	8.4 Lending by Sector	A.6	Non Local	D13	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
23	8.4 Lending by Sector	A.7	Local	C14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
24	8.4 Lending by Sector	A.7	Non Local	D14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
25	8.4 Lending by Sector	A.8.1	Local	C15	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
26	8.4 Lending by Sector	A.8.1	Non Local	D15	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
27	8.4 Lending by Sector	A.8.2	Local	C16	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
28	8.4 Lending by Sector	A.8.2	Non Local	D16	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
29	8.4 Lending by Sector	A.8.3	Local	C17	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
30	8.4 Lending by Sector	A.8.3	Non Local	D17	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

Check	Sheet	Item	Column	Cell Ref	Validation Message
31	8.4 Lending by Sector	A.8.4	Local	C18	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
32	8.4 Lending by Sector	A.8.4	Non Local	D18	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
33	8.4 Lending by Sector	A.8.5	Local	C19	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
34	8.4 Lending by Sector	A.8.5	Non Local	D19	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
35	8.4 Lending by Sector	A.9.1	Local	C20	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
36	8.4 Lending by Sector	A.9.1	Non Local	D20	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
37	8.4 Lending by Sector	A.9.2	Local	C21	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
38	8.4 Lending by Sector	A.9.2	Non Local	D21	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
39	8.4 Lending by Sector	A.9.3	Local	C22	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
40	8.4 Lending by Sector	A.9.3	Non Local	D22	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
41	8.4 Lending by Sector	A.9.4	Local	C23	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
42	8.4 Lending by Sector	A.9.4	Non Local	D23	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
43	8.4 Lending by Sector	A.10.1	Local	C24	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
44	8.4 Lending by Sector	A.10.1	Non Local	D24	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
45	8.4 Lending by Sector	A.10.2	Local	C25	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
46	8.4 Lending by Sector	A.10.2	Non Local	D25	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
47	8.4 Lending by Sector	A.10.3	Local	C26	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

Check	Sheet	Item	Column	Cell Ref	Validation Message
48	8.4 Lending by Sector	A.10.3	Non Local	D26	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
49	8.4 Lending by Sector	B.1	Local	C27	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
50	8.4 Lending by Sector	B.1	Non Local	D27	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
51	8.4 Lending by Sector	B.2	Local	C28	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
52	8.4 Lending by Sector	B.2	Non Local	D28	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

3 Calculation checks

Validation of cells where there is a calculation

3.1 The tables in this Section outline the tests performed on cells where the Excel workbook contains calculations.

Check	Sheet	Item	Column	Cell Ref	Excel
53	8.4 Lending by Sector	A.1	Total	E3	=C3+D3
54	8.4 Lending by Sector	A.2	Total	E4	=C4+D4
55	8.4 Lending by Sector	A.3	Total	E5	=C5+D5
56	8.4 Lending by Sector	A.4	Total	E6	=C6+D6
57	8.4 Lending by Sector	A.5.1	Total	E7	=C7+D7
58	8.4 Lending by Sector	A.5.2	Total	E8	=C8+D8
59	8.4 Lending by Sector	A.5.3	Total	E9	=C9+D9
60	8.4 Lending by Sector	A.5.4	Total	E10	=C10+D10
61	8.4 Lending by Sector	A.5.5	Total	E11	=C11+D11
62	8.4 Lending by Sector	A.5.6	Total	E12	=C12+D12
63	8.4 Lending by Sector	A.6	Total	E13	=C13+D13
64	8.4 Lending by Sector	A.7	Total	E14	=C14+D14
65	8.4 Lending by Sector	A.8.1	Total	E15	=C15+D15
66	8.4 Lending by Sector	A.8.2	Total	E16	=C16+D16
67	8.4 Lending by Sector	A.8.3	Total	E17	=C17+D17

Check	Sheet	Item	Column	Cell Ref	Excel
68	8.4 Lending by Sector	A.8.4	Total	E18	=C18+D18
69	8.4 Lending by Sector	A.8.5	Total	E19	=C19+D19
70	8.4 Lending by Sector	A.9.1	Total	E20	=C20+D20
71	8.4 Lending by Sector	A.9.2	Total	E21	=C21+D21
72	8.4 Lending by Sector	A.9.3	Total	E22	=C22+D22
73	8.4 Lending by Sector	A.9.4	Total	E23	=C23+D23
74	8.4 Lending by Sector	A.10.1	Total	E24	=C24+D24
75	8.4 Lending by Sector	A.10.2	Total	E25	=C25+D25
76	8.4 Lending by Sector	A.10.3	Total	E26	=C26+D26
77	8.4 Lending by Sector	B.1	Total	E27	=C27+D27
78	8.4 Lending by Sector	B.2	Total	E28	=C28+D28
79	8.4 Lending by Sector	B.0	Local	C29	=SUM(C27:C28)
80	8.4 Lending by Sector	B.0	Non Local	D29	=SUM(D27:D28)
81	8.4 Lending by Sector	B.0	Total	E29	=SUM(E27:E28)
82	8.4 Lending by Sector	A.0	Local	C30	=SUM(C3:C26)
83	8.4 Lending by Sector	A.0	Non Local	D30	=SUM(D3:D26)
84	8.4 Lending by Sector	A.0	Total	E30	=SUM(E3:E26)

Check	Sheet	Item	Column	Cell Ref	Excel
85	8.4 Lending by Sector	A.0.1	Local	C31	=C29-C30
86	8.4 Lending by Sector	A.0.1	Non Local	D31	=D29-D30
87	8.4 Lending by Sector	A.0.1	Total	E31	=E29-E30

4 Logical checks

4.1 Checks that the data entered is not inconsistent. Fails are highlighted in **Red** in the template.

Check	Sheet	Sum A (Excel)	Sum B (Excel)	Check
88	8.4 Lending by Sector	=E30	=‘2.1 BS Assets’!G43	A must equal B
89	8.4 Lending by Sector	=C31	0	A must equal B
90	8.4 Lending by Sector	=D31	0	A must equal B