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Clarification C12
Top level industry classifications

**REPORT ON e-DISCUSSION ON
PROPOSALS FOR TWO SNA/ISIC AGGREGATIONS
FOR SNA DATA REPORTING**

United Nations Statistics Division

Update of the 1993 SNA – Issue No. C12
Jan-Feb 2006 AEG meeting, Frankfurt

Report on e-discussion on Proposals for Two SNA/ISIC Aggregations for SNA Data Reporting

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Introduction

1. The new ISIC revision 4 provides a top-level of 21 sections and a second level of 88 divisions. The SNA Advisory Expert Group in December 2004 requested an ISIC aggregation above the top-level (described here as *Top-top* level) of about 10 categories for worldwide SNA data reporting by activity. In addition, a number of OECD countries have expressed support for an *intermediate* aggregation of 30-40 categories that would be suitable for data reporting from a wide range of countries.

2. The paper proposes the structure of these two SNA/ISIC aggregations and describes the consultative process and reasoning that led to their development by an OECD EDG, which recommends that the two aggregations be incorporated in the revised SNA.

3. **Table 1 Proposed Top-top SNA/ISIC aggregation A*10/11**

	ISIC rev 4 sections	Description
1	A	Agriculture, forestry and fishing
2	B, C, D and E	Manufacturing, mining and quarrying and other industry
2a	C	<i>Of which: manufacturing</i>
3	F	Construction
4	G, H and I	Wholesale and retail trades, transport, accommodation and food service activities
5	J	Information and communication
6	K	Financial and insurance activities
7	L	Real estate activities*
8	M and N	Business services
9	O, P, and Q	Public administration, defence, education, human health and social work activities
10	R, S, T and U	Other services

* of which imputed rents of owner-occupied dwellings

4. Table 2 Proposed intermediate SNA/ISIC aggregation A*38

	A*38 code	ISIC rev 4	ISIC rev 4 code	Links to ISIC rev 3 A31**
1	A	Agriculture, forestry and fishing	01 to 03	A31 continuity with A+B
2	B	Mining and quarrying	05 to 09	A31 continuity with CA + CB
3	CA	Manufacture of food products, beverages and tobacco	10 to 12	A31 continuity with DA
4	CB	Manufacture of textiles, wearing apparel and leather products	13 to 15	A31 continuity with DB +DC
5	CC	Manufacture of wood and paper products, and printing	16 to 18	New A*40 CC = A31 DD + DE - publishing
6	CD	Manufacture of coke, and refined petroleum products	19	A31 approximate continuity with DF
7	CE	Manufacture of chemicals and chemical products	20	New A*40 CE+CF = A31 DG
8	CF	Manufacture of pharmaceuticals, medicinal chemical and botanical products	21	Ditto
9	CG	Manufacture of rubber and plastics products, and other non-metallic mineral products	22 + 23	A31 continuity with DH + DI
10	CH	Manufacture of basic metals and fabricated metal products	24 + 25	A31 continuity with DJ
11	CI	Manufacture of computer, electronic and optical products	26	New
12	CJ	Manufacture of electrical equipment	27	New
13	CK	Manufacture of machinery and equipment n.e.c.	28	New
14	CL	Manufacture of transport equipment	29 + 30	A31 continuity with DM
15	CM	Other manufacturing and repair	31 to 33	New
16	D	Electricity, gas, steam and air-conditioning supply	35	New
17	E	Water, sewage, waste management and remediation	36 to 39	New
18	F	Construction	41 to 43	A31 continuity with F
19	G	Wholesale and retail trades	45 to 47	New A*40 G = A31 G – repair of household goods*
20	H	Transportation and storage	49 to 53	New A*40 H = A31 I – telecommunications, travel agencies and tour operators
21	I	Accommodation and food service activities	55 + 56	A31 continuity with H
22	JA	Publishing, audiovisual and broadcasting activities	58 to 60	New
23	JB	Telecommunications	61	New
24	JC	IT and other information services	62 +63	New
25	K	Financial and insurance activities	64 to 66	A31 continuity with J
26	L	Real estate activities (of which <i>imputed rents</i>)	68	New
27	MA	Legal, accounting, management, architecture, engineering, technical testing and analysis activities	69 to 71	New
28	MB	Scientific research and development	72	New
29	MC	Other professional, scientific and technical activities	73 to 75	New
30	N	Administrative and support service activities	77 to 82	New
31	O	Public administration and defence	84	A31 continuity with L
32	P	Education	85	A31 continuity with M
33	QA	Human health services	86	New A*40 QA+QB = A31 N – veterinary services
34	QB	Residential care and social work activities	87 + 88	Ditto
35	R	Arts, entertainment and recreation	90 to 93	New
36	S	Other services	94 to 96	New
37	T*	Activities of households as employers of domestic personnel and undifferentiated goods and services production of households for own use	97 + 98*	A31 continuity with P for SNA purposes as 98 is effectively empty
38	U*	Extra-territorial organizations and bodies	99*	A31 continuity with Q (empty for SNA purposes)

*All of U and part of T 86 are outside the SNA production boundary, and will be empty for SNA data reporting, but are included for completeness.

** ISIC rev 3 A31 is listed in Annex 1

Response received

7. The proposals of the paper SNA/M1.06/25.1 were referred to the AEG members to solicit their opinion through a questionnaire. The questions asked of AEG members and responses received through e-discussions have been summarized in the following table.

as on 24 January 2006

No.	Question(s)	Response received			
		Total	Agree	Disagree	No opinion
1	Do you agree that the proposed top-top aggregation can be accepted for SNA data reporting?	21	19	2	-
2	Do you agree that the proposed intermediate aggregation (A*38) can be accepted for SNA data reporting?	21	20	1	-

Conclusion

8. The members participating in the e-discussion overwhelmingly support the proposed top 10 and A*38 aggregations for SNA data reporting.

An extract of comments made by AEG members is annexed.

Extracts of Comments Made by AEG Members in the Questionnaire

The original response and full comments are available on the UN website¹. The objective of this annex is only to give limited extracts to encourage readers to read the full comments of the AEG members.

Comments on Top 10

Some participants prefer separate categories for mining, manufacturing and public administration and defense.

One participant prefers to show 'Manufacturing' in its own right, with a separate category for B, D and E combined, rather than the 'of which' presentation which is rather inelegant. Also, item 8 (M and N) would be better labeled 'other business services'

A participant supports the suggestion of having mining and manufacturing separately and have a "of which" transport under category four.

Another participant also regarded manufacturing as important enough to be distinguished as a separate item.

Four participants would prefer a separate category for public administration and defense. The distinction O versus PQRST, instead of OPQ versus RST is regarded as more balanced regarding the shares of the relevant activities in the total economy.

*Comments on A*38*

For industry 22, the term 'audiovisual' is probably broader than the activities that are actually covered.

Industry 24 might be better labeled 'IT and information services activities'.

Too much detail are shown for some services, for example, groups 27, 28 and 29 could be shown just as one group.

¹ <http://unstats.un.org/unsd/sna1993/clarviewvote.asp?cID=12>