



UNITED NATIONS
DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS
STATISTICS DIVISION

**Meeting of the Expert Group on
International Economic and
Social Classifications
New York, 16-18 April 2007**

**F tchv'Eqt t gur qpf gpeg'Vcdng'dgwy ggp'vj g'Ercuukhec vqp'd{ 'Dt qcf 'Geqqqo k'Ecvgi qt lgu'
*DGE +'cpf 'vj g'J cto qpk gf 'Eqo o qf k{ 'F guet k vqp'cpf 'Eqf lpi 'U{ uwo '*J U29+**

Report by UNSD

Draft Correspondence Table between the Classification by Broad Economic Categories (BEC) and the Harmonized Commodity Description and Coding System (HS07)
(ESA/STAT/AC.124/9)

Report by UNSD

HS07 and BEC

1. UNSD has prepared a draft correlation table¹ between HS07 and the *Classification by Broad Economic Categories* (BEC) which was constructed as a mechanical transposition of the correlation between HS02 and BEC based on the correlation table between HS07 and HS02, as derived from WCO documents NG0099B1a and NC0950B1a.
2. Following that procedure, the HS07-BEC correlation showed split correlations for 37 HS07 subheadings. In other words, for each of these 37 HS07 subheadings there was more than one corresponding BEC code. These splits occur when a single HS07 subheading is correlated to two or more HS02 subheadings which, in turn, are correlated to two or more different BEC basic categories.
3. To take a decision on which of the multiple BEC categories would be the most appropriate for each HS07 subheading, world trade import values were extracted for the HS02 subheadings that correspond to the 37 HS07 subheadings involved in this issue. Details of the 37 splits and the corresponding values are given in Annex 1.
4. In summary, we can say the following:
 - (i) There are 37 cases where HS07 consists of a multiple of HS02 headings and where a split decision is necessary with respect to BEC.
 - (ii) In 26 of those cases, one BEC category has a world imports value of more than 75% of the value of the HS07 code (based on HS02 codes for 2005).
 - (iii) In 3 more cases (8443.91, 8523.52 and 9006.52) there was no clear value difference in 2005, but 2003 or 2004 showed a 75% value in favor of one particular BEC code.
 - (iv) In case of 8801.00 [Balloons and dirigibles; gliders, hang gliders and other non-powered aircraft] the decision can be taken that from the description of

¹ See <http://unstats.un.org/unsd/trade/methodology%20IMTS.htm>

the heading Transport equipment, not meant for industrial use (BEC 522) is more appropriate than Transport equipment for industrial use (BEC 521).

- (v) The 7 remaining cases have to do with HS07 headings 8519 [Sound recording or reproducing apparatus] and 8523 [Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37]. In case of 8519 the BEC decision is between Capital Equipment (41) or Durable Consumption Goods (61). In case of 8523, the BEC decision is mostly between Parts of Capital equipment (42) and Semi-durable Consumption Goods (62). Since the intention of use is not really known, a decision cannot be forced here, and it is up to the user to decide which might be the most appropriate BEC category in specific cases.
5. The Expert Group is invited to review the draft correlation of HS07 to BEC.

Annex 1
World Import Values by selected HS02 subheadings

**Split correlations and value (in million US dollars)
of trade in percent (2005) by BEC code**

HS02 Code	Period			HS07	BEC4	2005 values (in percent)
	2003	2004	2005			
1207.30	6.32	6.76	3.80	1207.99	21	
1207.99	196.83	249.04	254.04	1207.99	21	83
1207.10	19.60	34.35	40.82	1207.99	111	
1207.60	17.77	16.79	12.33	1207.99	111	17
3104.10	9.49	18.90	41.93	3104.90	21	15
3104.90	162.49	217.93	233.80	3104.90	22	85
4204.00	27.54	31.97	39.94	4205.00	42	3
4205.00	1,296.83	1,614.17	1,500.19	4205.00	62	97
4811.10	175.33	241.64	240.46	4811.10	22	98
4815.00	4.38	5.12	5.10	4811.10	ex 61	2
4811.51	2,156.62	2,495.88	2,451.58	4811.51	22	100
4815.00	4.38	5.12	5.10	4811.51	ex 61	0
4811.59	3,160.13	3,709.89	3,744.25	4811.59	22	100
4815.00	4.38	5.12	5.10	4811.59	ex 61	0
4811.60	327.30	399.26	425.54	4811.60	22	99
4815.00	4.38	5.12	5.10	4811.60	ex 61	1
4811.90	2,863.11	3,438.16	3,574.29	4811.90	22	100
4815.00	4.38	5.12	5.10	4811.90	ex 61	0
4823.12	442.52	502.79	562.01	4823.90	ex 22	
4823.19	209.00	245.73	227.40	4823.90	ex 22	
4823.90	2,609.44	2,601.72	2,581.82	4823.90	22	100
4815.00	4.38	5.12	5.10	4823.90	ex 61	0
6117.20	17.75	21.23	23.58	6117.80	62	6
6117.80	274.67	330.51	348.69	6117.80	63	94
7417.00	22.37	27.13	31.57	7418.19	ex 61	18
7418.19	129.68	134.55	141.03	7418.19	62	82
7419.99	1,460.42	1,847.11	1,994.12	7419.99	ex 22	99
7414.20	14.19	20.39	25.61	7419.99	22	
7414.90	31.45	35.66	43.93	7419.99	22	

7416.00	41.54	50.94	46.02	7419.99		22	
7417.00	22.37	27.13	31.57	7419.99	ex	61	1
8443.60	801.85	1,060.19	1,256.77	8443.91	ex	41	28
8443.90	2,485.82	2,902.33	3,218.78	8443.91	ex	42	72
8443.60	801.85	1,060.19	1,256.77	8443.99	ex	41	1
8443.90	2,485.82	2,902.33	3,218.78	8443.99	ex	42	
8473.30	134,916.54	159,572.00	175,742.80	8443.99	ex	42	
8473.40	2,821.28	3,522.21	3,951.66	8443.99	ex	42	
8473.50	1,157.55	1,719.33	1,979.91	8443.99	ex	42	
8517.90	19,748.95	24,448.01	28,105.34	8443.99	ex	42	
9009.91	353.36	379.89	433.09	8443.99		42	
9009.92	98.98	135.58	155.46	8443.99		42	
9009.93	141.30	181.99	210.95	8443.99		42	
9009.99	6,456.94	7,495.27	7,654.49	8443.99		42	99
8479.89	21,558.21	33,952.54	34,096.57	8508.19	ex	41	87
8509.10	3,872.21	4,691.56	5,189.63	8508.19	ex	61	13
8479.89	21,558.21	33,952.54	34,096.57	8508.60	ex	41	95
8509.80	1,758.16	1,826.03	1,848.39	8508.60		61	5
8509.90	1,058.26	1,158.06	1,227.66	8508.70	ex	22	9
8479.90	7,810.48	11,598.21	11,899.76	8508.70	ex	42	91
8519.10	16.45	18.06	12.16	8519.20		41	0
8519.99	5,051.35	5,325.93	5,287.05	8519.20	ex	61	100
8519.40	12.51	14.67	17.24	8519.81	ex	41	
8520.90	1,809.81	4,507.87	9,159.70	8519.81	ex	41	
8520.10	42.33	38.94	38.66	8519.81		41	
8520.32	183.77	205.46	210.17	8519.81		41	
8520.33	406.69	359.70	260.94	8519.81		41	
8520.39	37.78	45.51	55.12	8519.81		41	63
8519.99	5,051.35	5,325.93	5,287.05	8519.81	ex	61	
8519.92	90.92	58.15	263.14	8519.81		61	
8519.93	220.07	191.96	126.99	8519.81		61	37
8519.40	12.51	14.67	17.24	8519.89	ex	41	
8520.90	1,809.81	4,507.87	9,159.70	8519.89	ex	41	63
8519.99	5,051.35	5,325.93	5,287.05	8519.89	ex	61	
8519.21	18.65	18.89	18.97	8519.89		61	
8519.29	33.84	27.05	26.60	8519.89		61	37
8524.60	51.64	70.17	63.72	8523.21		42	26
8523.30	136.54	161.52	177.61	8523.21		62	74
8524.91	2,255.96	2,325.90	2,376.46	8523.29	ex	42	44
8524.99	2,232.40	2,643.27	2,421.15	8523.29	ex	42	

8524.40	272.42	271.10	243.05	8523.29		42	
8524.51	112.52	112.41	79.20	8523.29		42	
8524.52	54.36	48.44	29.68	8523.29		42	
8524.53	499.28	422.22	323.65	8523.29		42	
8523.11	559.40	491.55	410.87	8523.29		62	
8523.12	471.00	500.77	509.73	8523.29		62	
8523.13	3,447.93	3,241.39	2,934.64	8523.29		62	
8523.20	1,912.26	2,174.82	3,253.47	8523.29		62	56
8524.91	2,255.96	2,325.90	2,376.46	8523.40	ex	42	
8524.99	2,232.40	2,643.27	2,421.15	8523.40	ex	42	13
8523.90	5,598.95	9,121.03	11,889.89	8523.40	ex	62	
8524.31	3,533.90	3,927.16	4,740.18	8523.40		62	
8524.32	2,353.11	2,601.96	2,700.71	8523.40		62	
8524.39	9,806.48	11,861.49	12,901.46	8523.40		62	87
8524.91	2,255.96	2,325.90	2,376.46	8523.51	ex	42	
8524.99	2,232.40	2,643.27	2,421.15	8523.51	ex	42	29
8523.90	5,598.95	9,121.03	11,889.89	8523.51	ex	62	71
8543.89	11,623.80	16,904.52	17,066.15	8523.52	ex	41	38
8542.90	18,111.28	19,313.29	19,473.43	8523.52	ex	42	
8543.90	2,926.35	3,704.03	4,218.70	8523.52	ex	42	
8542.10	4,248.00	4,765.45	4,499.67	8523.52		42	62
8543.81	210.37	299.94	406.44	8523.59		41	2
8524.91	2,255.96	2,325.90	2,376.46	8523.59	ex	42	
8524.99	2,232.40	2,643.27	2,421.15	8523.59	ex	42	28
8523.90	5,598.95	9,121.03	11,889.89	8523.59	ex	62	70
8524.91	2,255.96	2,325.90	2,376.46	8523.80	ex	42	
8524.99	2,232.40	2,643.27	2,421.15	8523.80	ex	42	
8524.10	167.04	168.31	160.41	8523.80		42	29
8523.90	5,598.95	9,121.03	11,889.89	8523.80	ex	62	71
8525.30	1,833.27	2,858.67	3,327.51	8525.80		41	9
8525.40	22,459.15	30,578.99	32,355.47	8525.80		61	91
8528.13	311.47	249.18	203.52	8528.71	ex	41	0
8528.12	26,014.82	35,258.32	42,874.96	8528.71	ex	61	100
6909.19	638.02	846.06	1,019.71	8536.70	ex	22	
7419.91	238.45	333.55	351.53	8536.70	ex	22	
7419.99	1,460.42	1,847.11	1,994.12	8536.70	ex	22	10
3926.90	23,541.11	27,741.66	30,195.04	8536.70	ex	62	90
8801.90	23.37	21.57	39.66	8801.00		521	66
8801.10	17.91	23.52	20.13	8801.00		522	34
9006.20	18.60	22.15	24.40	9006.52	ex	41	52

9006.52	142.77	67.64	22.76	9006.52		61	48
9006.20	18.60	22.15	24.40	9006.53	ex	41	2
9006.53	2,703.62	1,999.36	1,305.87	9006.53		61	98
9006.20	18.60	22.15	24.40	9006.59	ex	41	4
9006.59	552.34	508.71	527.39	9006.59		61	96
9209.20	13.12	10.23	8.81	9209.99		22	
9209.93	26.24	26.19	24.61	9209.99		22	
9209.99	269.88	327.47	362.92	9209.99		22	93
9209.10	29.91	30.58	28.43	9209.99		61	7
9306.10	56.78	37.20	52.81	9306.30		42	12
9306.30	311.82	441.87	402.47	9306.30		7	88
9502.91	216.41	184.55	198.26	9503.00		22	
9502.99	127.70	105.29	94.47	9503.00		22	1
9501.00	935.99	1,088.43	1,128.21	9503.00		62	
9502.10	2,809.58	2,618.92	2,641.41	9503.00		62	
9503.10	462.33	509.79	553.93	9503.00		62	
9503.30	1,397.60	1,821.09	1,925.47	9503.00		62	
9503.41	3,569.10	3,666.55	3,520.65	9503.00		62	
9503.49	2,449.88	2,463.64	2,669.91	9503.00		62	
9503.50	427.20	478.14	532.19	9503.00		62	
9503.60	321.99	381.81	454.17	9503.00		62	
9503.70	2,929.29	3,273.14	3,447.78	9503.00		62	
9503.80	2,121.52	2,533.58	2,429.20	9503.00		62	
9503.90	8,774.36	9,416.07	9,849.33	9503.00		62	96
9503.20	809.66	869.60	831.45	9503.00		63	3