

Table 1A. Measures of Sampling Variability - U.S. Manufacturing Shipments - Total and E-commerce Value: 2003 and 2002

[Estimates are based on data from the 2003 and 2002 Annual Survey of Manufactures and 2002 Economic Census, are shown as percents, and are associated with the estimates in Table 1.]

NAICS Code	Description	Coefficient of Variation for Value of Shipments				Standard Error for Estimate of:		
		2003		2002		E-commerce as Percent of Total Shipments		Percent Distribution of E-commerce Shipments
		Total	E-commerce	Total	E-commerce	2003	2002	2003
	Total Manufacturing	0.1	0.9	NA	0.5	0.2	0.1	NA
311	Food manufacturing	0.3	1.2	NA	2.1	0.2	0.2	0.1
312	Beverage and tobacco product manufacturing	0.8	1.1	NA	1.2	0.5	0.9	0.1
313	Textile mills	0.5	1.9	NA	1.8	0.3	0.2	(Z)
314	Textile product mills	0.7	1.8	NA	2.6	0.7	0.6	(Z)
315	Apparel manufacturing	0.7	6.4	NA	7.1	1.3	1.0	0.1
316	Leather and allied product manufacturing	1.1	8.4	NA	6.9	1.0	0.2	(Z)
321	Wood product manufacturing	0.5	3.0	NA	3.6	0.2	0.1	(Z)
322	Paper manufacturing	0.3	1.1	NA	1.6	0.2	0.0	(Z)
323	Printing and related support activities	0.6	3.6	NA	3.8	0.2	0.2	(Z)
324	Petroleum and coal products manufacturing	0.2	0.2	NA	0.3	0.3	0.1	0.1
325	Chemical manufacturing	0.5	7.8	NA	2.3	1.1	0.3	0.7
326	Plastics and rubber products manufacturing	0.4	3.2	NA	3.9	0.5	0.4	0.1
327	Nonmetallic mineral product manufacturing	0.5	3.0	NA	2.5	0.3	0.2	(Z)
331	Primary metal manufacturing	0.3	1.8	NA	2.6	0.2	0.2	(Z)
332	Fabricated metal product manufacturing	0.4	1.9	NA	2.0	0.2	0.1	0.1
333	Machinery manufacturing	0.3	1.3	NA	1.6	0.2	0.2	0.1
334	Computer and electronic product manufacturing	0.5	0.9	NA	0.9	0.2	0.2	0.1
335	Electrical equipment, appliance, and components	0.3	0.8	NA	1.0	0.3	0.3	(Z)
336	Transportation equipment manufacturing	0.2	0.8	NA	0.7	0.3	0.3	0.4
337	Furniture and related product manufacturing	0.4	2.3	NA	2.5	0.3	0.3	(Z)
339	Miscellaneous manufacturing	0.6	3.5	NA	5.0	0.4	0.4	0.1

NA Not applicable.

(Z) Estimate is less than 0.05%.

Note: Standard errors for year to year change in total shipments and e-commerce shipments were not calculated. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/mestats.html.

Sources: U.S. Census Bureau, 2003 and 2002 Annual Survey of Manufactures and 2002 Economic Census