

**Example quality assurance review table:** The example table provides a subset of comparisons that were made between the JIFSAN commodity calculator and EPA/OPP's Dietary Exposure Evaluation Model. The example analysis provides the sample size of consumers and mean, median, 90th percentile, 95th percentile, and maximum consumption estimates for 30 common food commodities. The comparison show good agreement between DEEM and the commodity calculator, with some small differences due to rounding.

**Commodity Eaters Only Comparison, Children 0 - 9 Years Old, g/bw**

Commodity	FCID_Code	DEEM Per capita mean (<=9 yrs old)	n		Mean			50			90			95			100			
			JIFSAN	DEEM	% DIFF (DEEM)	JIFSAN	DEEM	% DIFF (DEEM)	JIFSAN	DEEM	% DIFF (DEEM)	JIFSAN	DEEM	% DIFF (DEEM)	JIFSAN	DEEM	% DIFF (DEEM)	JIFSAN	DEEM	% DIFF (DEEM)
			Milk, water	3600224000	18.99614	10,123	10123	0.0%	20.5	20.5392	0%	15.3	15.289099	0.1%	45.5	45.505111	0%	59	59.096255	-0.2%
Apple, juice	1100010000	3.562119	5,431	5431	0.0%	7.4	7.451248	-1%	3.4	3.362195	1.1%	19.4	19.482351	0%	27.8	27.817746	-0.1%	175.6	175.62	0%
Wheat, flour	1500402000	3.240911	10,077	10077	0.0%	3.5	3.514514	0%	3.1	3.058738	1.3%	6.6	6.641655	-1%	8.1	8.10408	-0.1%	26.1	26.14	0%
Orange, juice	1001241000	2.470012	5294	5294	0.0%	5.4	5.364447	1%	1.3	1.350875	-3.9%	14.2	14.289905	-1%	20.6	20.565671	0.2%	158.5	158.55	0%
Corn, field, syrup	1500124000	1.93088	9920	9920	0.0%	2.1	2.112965	-1%	1.6	1.562296	2.4%	4.6	4.634707	-1%	6.2	6.146182	0.9%	46.8	46.87	0%
Grape, juice	1304176000	1.148951	4174	4174	0.0%	3	2.971595	1%	0.5	0.468079	6.4%	8.9	8.927623	0%	13.8	13.832393	-0.2%	118.7	118.72	0%
Chicken, meat	4000093000	1.061849	5683	5683	0.0%	2.1	2.131706	-2%	1.7	1.692646	0.4%	4.6	4.574971	1%	6	5.981158	0.3%	34.3	34.26	0%
Banana	9500023000	0.971146	5272	5272	0.0%	2	2.022086	-1%	0	0.040436	#DIV/0!	6.9	6.851126	1%	8.7	8.775803	-0.9%	33.7	33.71	0%
Potato, tuber, w/o peel	103300000	0.949472	3403	3403	0.0%	3.1	3.087021	0%	2.3	2.349282	-2.1%	6.1	6.073658	0%	8.3	8.344057	-0.5%	30.3	30.27	0%
Beef, meat	3100044000	0.929411	5794	5794	0.0%	1.7	1.70516	0%	1.2	1.175517	2.0%	3.8	3.842031	-1%	5.3	5.289152	0.2%	26.0	26.04	0%
Apple, fruit with peel	1100007000	0.881554	1767	1767	0.0%	5.7	5.661311	1%	4.8	4.858679	-1.2%	10.5	10.501514	0%	13.3	13.374947	-0.6%	39.0	38.95	0%
Sugarcane, sugar	9500362000	0.815195	10009	10009	0.0%	0.9	0.885631	2%	0.7	0.682308	2.5%	1.8	1.830402	-2%	2.4	2.397829	0.1%	10.2	10.20	0%
Soybean, oil	600350000	0.813006	10132	10132	0.0%	0.9	0.879838	2%	0.7	0.742256	-6.0%	1.7	1.65829	2%	2.1	2.067372	1.6%	10.3	10.29	0%
Egg, whole	7000145000	0.771062	6692	6692	0.0%	1.2	1.239121	-3%	0.4	0.39639	0.9%	3.8	3.76346	1%	5.1	5.101074	0.0%	19.2	19.16	0%
Beet, sugar	101052000	0.639023	10009	10009	0.0%	0.7	0.694237	1%	0.5	0.533536	-6.7%	1.4	1.432398	-2%	1.9	1.882124	0.9%	8.0	8.01	0%
Tomato, puree	801377000	0.601696	4720	4720	0.0%	1.4	1.375744	2%	0.7	0.678475	3.1%	3.6	3.645398	-1%	5.5	5.461375	0.7%	17.0	16.96	0%
Grape	1304175000	0.479721	1904	1904	0.0%	2.5	2.463722	1%	1	0.970164	3.0%	6.4	6.399642	0%	9.1	9.148025	-0.5%	33.5	33.53	0%
Tomato	801375000	0.477796	3594	3594	0.0%	1.5	1.524093	-2%	0.8	0.835588	-4.4%	3.5	3.529781	-1%	5.2	5.219706	-0.4%	23.6	23.60	0%
Pork, meat	3400290000	0.440561	4609	4609	0.0%	1	1.02545	-3%	0.5	0.476763	4.6%	2.6	2.630034	-1%	3.8	3.831075	-0.8%	18.5	18.48	0%
Apple, sauce	1100011000	0.376963	572	572	0.0%	6.5	6.481841	0%	5.4	5.414861	-0.3%	11.7	11.687474	0%	14.4	14.303415	0.7%	48.5	48.54	0%
Watermelon	901399000	0.354074	285	285	0.0%	10.5	10.53079	0%	7.5	7.801739	-4.0%	22.7	22.860183	-1%	31.3	31.185971	0.4%	93.0	92.98	0%
Apple, juice-babyfood	1100010001	0.348034	706	706	0.0%	10.5	10.50823	0%	6.8	6.788333	0.2%	23.7	23.584376	0%	33.4	33.338469	0.2%	122.5	122.50	0%
Corn, sweet	1500127000	0.332427	1561	1560	0.1%	2.6	2.567063	1%	1.9	1.856998	2.3%	5.7	5.682546	0%	7.1	7.091146	0.1%	24.8	24.85	0%
Oat, groats/rolled oats	1500233000	0.310205	3350	3350	0.0%	1	0.965242	3%	0.5	0.539997	-8.0%	2.3	2.33714	-2%	3.2	3.206501	-0.2%	11.1	11.09	0%
Carrot	101078000	0.307655	2964	2964	0.0%	1.2	1.17029	2%	0.5	0.531443	-6.3%	3	2.967368	1%	4.1	4.119064	-0.5%	18.9	18.87	0%
Soybean, soy milk	600349000	0.30201	151	151	0.0%	16.7	16.6529	0%	9.4	9.541444	-1.5%	43.3	43.426826	0%	69.4	69.343674	0.1%	128.8	128.80	0%
Orange	1001240000	0.298309	804	804	0.0%	5.3	5.262722	1%	4.5	4.547382	-1.1%	9.8	9.811675	0%	13.4	13.424865	-0.2%	35.0	35.00	0%
Rice, white	1500323000	0.294785	2691	2691	0.0%	1.4	1.388593	1%	1	1.019111	-1.9%	3.1	3.10201	0%	4.2	4.15585	1.1%	15.9	15.89	0%
Peach	1202260000	0.283877	4567	4567	0.0%	0.7	0.658853	6%	0	0.017545	#DIV/0!	2.5	2.450488	2%	4.2	4.242552	-1.0%	35.5	35.46	0%
Bean, snap, succulent	601043000	0.280182	1360	1360	0.0%	2.3	2.338096	-2%	1.8	1.788977	0.6%	4.9	4.917463	0%	6.5	6.50896	-0.1%	20.9	20.94	0%