

Appendix I – Chemistry’s Contributions to the U.S. Industrial Base

Table I-1. Overall U.S. Employment in Chemistry

THOUSANDS	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Annual Change	
												2008-09	1999-09
Manufacturing	17,322	17,263	16,441	15,259	14,510	14,315	14,226	14,155	13,879	13,406	11,883	-11.4%	-3.4%
Chemicals	983	980	959	928	906	887	872	866	861	847	803	-5.2	-1.8
Basic chemicals	195	188	181	170	162	156	150	147	149	152	145	-4.6	-2.7
Resins, synthetic rubber & fibers	137	136	126	115	112	110	108	105	106	105	93	-11.4	-3.5
Agricultural chemicals	51	48	46	45	42	42	40	38	36	37	37	0.0	-2.9
Pharmaceuticals	261	274	283	291	292	290	288	292	295	291	285	-2.1	0.8
Paints, coatings & adhesives	78	80	75	72	69	68	68	67	65	62	58	-6.5	-2.7
Soaps & toiletries	131	130	127	121	119	115	114	111	110	107	102	-4.7	-2.2
Other chemicals	128	127	120	114	111	107	104	105	101	95	85	-10.5	-3.7

NOTE: Average annual domestic employment

Sources: Voith, M.; McCoy, M.; Reisch, M. S.; Tullo, A.H.; Tremblay, J. Facts & Figures of the Chemical Industry. *Chem. Eng. News*. **2010**, 88, 33-67.

National Occupational Employment and Wage Estimates United States, 1989-2009; Technical Report for the U.S. Department of Labor, Bureau of Labor Statistics: Washington, DC, 2009.