

Top 50 US chemical firms

During a 2020 colored by COVID-19, chemical sales declined for almost all firms.

RANK		COMPANY	CHEMICAL SALES (\$ MILLIONS)	CHANGE FROM 2019	CHEMICAL SALES AS % OF TOTAL SALES	SECTOR	CHEMICAL OPERATING PROFIT* (\$ MILLIONS)	CHANGE FROM 2019	OPERATING PROFIT MARGIN ^b	HEADQUARTERS	IDENTIFIABLE CHEMICAL ASSETS (\$ MILLIONS)	OPERATING RETURN ON CHEMICAL ASSETS ^c
2020	2019											
1	1	Dow	\$38,542	-10.3%	100.0%	Diversified	\$2,556	-27.4%	6.6%	Midland, Michigan	\$61,470	4.2%
2	3	LyondellBasell Industries	23,407	-13.7	84.3	Petrochemicals	2,938	-36.3	12.6	Houston	n/a	n/a
3	2	ExxonMobil	23,091	-15.8	12.9	Petrochemicals	2,675	180.1	11.6	Irving, Texas	38,059	7.0
4	4	DuPont	20,397	-5.2	100.0	Diversified	1,661	-40.4	8.1	Wilmington, Delaware	70,904	2.3
5	7	Air Products ^d	8,856	-0.7	100.0	Industrial gases	2,138	0.8	24.1	Allentown, Pennsylvania	25,169	8.5
6	8	Mosaic	8,682	-2.5	100.0	Fertilizers	693	27.7	8.0	Tampa, Florida	19,790	3.5
7	6	Eastman Chemical	8,473	-8.6	100.0	Diversified	1,095	-16.3	12.9	Kingsport, Tennessee	16,083	6.8
8	5	Chevron Phillips Chemical	8,439	-9.6	100.0	Petrochemicals	n/a	n/a	n/a	The Woodlands, Texas	17,026	n/a
9	10	Westlake Chemical	7,504	-7.6	100.0	Petrochemicals	465	-32.9	6.2	Houston	13,835	3.4
10	14	Corteva Agriscience	6,461	3.3	45.4	Agrochemicals	625	-9.9	9.7	Wilmington, Delaware	13,099	4.8
11	9	Ecolab ^e	5,960	-33.1	50.5	Process services	1,106	-10.4	18.6	Saint Paul, Minnesota	n/a	n/a
12	12	Lubrizol	5,950	-8.5	100.0	Specialties	1,000	0.0	16.8	Wickliffe, Ohio	n/a	n/a
13	11	Huntsman	5,903	-11.4	100.0	Diversified	190	-58.6	3.2	The Woodlands, Texas	8,713	2.2
14	13	Celanese	5,655	-10.2	100.0	Diversified	715	-30.7	12.6	Irving, Texas	10,909	6.6
15	16	Chemours	4,969	-10.1	100.0	Diversified	447	2.8	9.0	Wilmington, Delaware	7,082	6.3
16	15	Honeywell International	4,833	-15.0	14.8	Fluorochemicals	n/a	n/a	n/a	Charlotte, North Carolina	n/a	n/a
17	17	Olin	4,830	-11.3	83.9	Chlorine chemistry	44	-88.7	0.9	Clayton, Missouri	7,319	0.6
18	18	FMC	4,642	0.7	100.0	Agrochemicals	1,034	4.2	22.3	Philadelphia	10,186	10.2
19	19	CF Industries	4,124	-10.2	100.0	Fertilizers	595	-36.4	14.4	Deerfield, Illinois	12,023	4.9
20	20	Occidental Petroleum	3,733	-9.0	21.0	Petrochemicals	664	-16.9	17.8	Houston	4,326	15.3
21	22	Albemarle	3,129	-12.8	100.0	Specialties	506	-24.1	16.2	Charlotte, North Carolina	10,451	4.8
22	21	Trinseo	3,036	-19.6	100.0	Polymers	63	118.7	2.1	Berwyn, Pennsylvania	2,845	2.2
23	25	H.B. Fuller ^f	2,790	-3.7	100.0	Specialties	218	-3.4	7.8	Saint Paul, Minnesota	4,037	5.4
24	26	Tronox	2,758	4.4	100.0	Pigments	274	134.2	9.9	Stamford, Connecticut	6,568	4.2
25	24	Cabot ^d	2,614	-21.7	100.0	Specialties	151	-54.9	5.8	Boston	2,781	5.4
26	23	Hexion	2,510	-25.6	100.0	Specialties	45	-61.5	1.8	Columbus, Ohio	4,002	1.1
27	27	Ashland ^d	2,326	-6.7	100.0	Specialties	134	-17.3	5.8	Wilmington, Delaware	6,877	1.9
28	29	Avantor	2,044	1.7	32.0	Laboratory chemicals	n/a	n/a	n/a	Radnor, Pennsylvania	n/a	n/a
29	28	NewMarket	2,011	-8.2	100.0	Fuel additives	312	-7.6	15.5	Richmond, Virginia	1,934	16.1
30	31	Stapan	1,870	0.6	100.0	Detergents	183	25.9	9.8	Northfield, Illinois	1,752	10.4
31	30	W. R. Grace	1,730	-11.7	100.0	Specialties	268	-37.8	15.5	Columbia, Maryland	3,766	7.1
32	33	Kronos Worldwide	1,639	-5.3	100.0	Pigments	133	-16.1	8.1	Dallas	2,037	6.5
33	32	Kraton	1,563	-13.4	100.0	Polymers, pine chemicals	69	-20.8	4.4	Houston	2,461	2.8
34	45	Avient ^e	1,497	50.0	46.2	Pigments	181	22.7	12.1	Avon Lake, Ohio	3,019	6.0
35	39	Ingevity	1,216	-5.9	100.0	Pine chemicals	294	-1.9	24.1	North Charleston, South Carolina	2,335	12.6
36	35	Innospec	1,193	-21.2	100.0	Fuel additives	75	-50.1	6.3	Englewood, Colorado	1,397	5.4
37	38	AdvanSix	1,158	-10.8	100.0	Polymers	63	4.7	5.4	Parsippany, New Jersey	1,263	5.0
38	37	Orion Engineered Carbons	1,136	-23.0	100.0	Carbon black	96	-41.1	8.4	Houston	1,390	6.9
39	43	CMC Materials ^d	1,116	7.6	100.0	Electronic materials	219	23.2	19.6	Aurora, Illinois	2,377	9.2
40	36	Americas Styrenics	1,116	-24.9	100.0	Polymers	87	56.0	7.8	The Woodlands, Texas	606	14.3
41	34	PQ	1,107	-29.3	100.0	Inorganics	148	-33.8	13.4	Malvern, Pennsylvania	3,198	4.6
42	—	ChampionX ^e	1,054	n.m.	55.5	Process services	88	n.m.	8.4	The Woodlands, Texas	n/a	n/a
43	40	3M	1,036	-16.9	3.2	Fluorochemicals	n/a	n/a	n/a	Saint Paul, Minnesota	n/a	n/a
44	44	Ferro	959	-5.8	100.0	Pigments	91	-5.2	9.5	Mayfield Heights, Ohio	1,961	4.7
45	42	Koppers	910	-12.4	54.5	Coal tar chemicals	112	15.3	12.3	Pittsburgh	960	11.7
46	41	Genesis Energy	886	-20.4	48.6	Inorganics	130	-41.9	14.7	Houston	1,962	6.6
47	—	Balchem	593	12.9	84.2	Nutritional ingredients	91	23.0	15.4	New Hampton, New York	875	10.4
48	48	GCP Applied Technologies	519	-10.4	57.5	Construction chemicals	53	-6.5	10.2	Cambridge, Massachusetts	444	11.9
49	49	Minerals Technologies	511	-11.1	32.0	Inorganics	68	-18.4	13.3	New York City	560	12.1
50	—	American Vanguard	459	-2.0	100.0	Agrochemicals	18	-30.2	4.0	Newport Beach, California	680	2.7

Sources: Company documents, C&EN analysis. **Note:** n/a means not available, and n.m. means comparison not meaningful. **a** Chemical sales less administrative expenses and cost of sales. **b** Chemical operating profit as a percentage of chemical sales. **c** Chemical operating profit as a percentage of identifiable chemical assets. **d** Fiscal year ended Sept. 30, 2020. **e** Chemical sales include a significant amount of nonchemical products. **f** Fiscal year ended Nov. 30, 2020.