



EPEAT NSF/ANSI 426-2021 Public Disclosure of Supply Chain Toxics 2020

The information below shows supply chain toxics disclosed under the United Nations (UN) Pollutant Release and Transfer Register (PRTR) and Institute of Public & Environmental Affairs (IPE). The calculation and protocols used were the UN PRTR and IPE. For more details, refer to <https://www.unece.org/env/pp/prtr/docs/prtrtext.html> and <http://www.ipe.org.cn/about/about.aspx>. The tables below contain PRTR data from some of Dell's key suppliers of CPUs, Storage, and PCBs for our server products.

Table 1: CPU¹ (kg/yr)

CAS no.	Pollutants	Amount Released
-	Cod (Chemical Oxygen Demand)	4583.2
7664-41-7	Ammonia Nitrogen	1841.1
-	Suspended Matter	1604.1
-	Total Nitrogen	1125.2
-	Total Phosphorus	42.3
-	Petro	4.2
-	Cyanide	10.3
7446-09-5	Sulfur dioxide	302.4
-	Nitrogen Oxides	293.76
-	Hydrofluorocarbons (HFCs)	1168.7

Table 2: Storage² (kg/yr)

CAS no.	Pollutants	Amount Released
-	Cod (Chemical Oxygen Demand)	691737.9
7664-41-7	Ammonia Nitrogen	19472.6
-	Suspended Matter	151447.1
-	Total Nitrogen	20333.81
-	Total Phosphorus	1143.37
-	Petro	3319.96
74-90-8	Cyanide	894.758
-	Fluoride	34.62
-	Total Copper	55.27
7446-09-5	Sulfur dioxide	1316.98
-	Nitrogen Oxides	35308.9
-	Particulates	40287.51
7664-93-9	Sulfuric acid (fog)	19601.26
7647-01-0	Hydrogen Chloride	27348.52
7664-41-7	Ammonia	11758.37
-	TVOC	10256.34
50-00-0	Formaldehyde	1363.6
7664-93-9	Hydrogen Sulfides	6776

¹ Table 1 (CPU) represents facilities that released pollutants above the threshold amounts according to the UN Protocol on PRTR. Some pollutants were also submitted to IPE and because IPE does not have thresholds, pollutants which were reported to IPE are shown in full. This table includes data from two of Dell's top CPU suppliers.

² Table 2 (Storage) represents facilities that released pollutants above the threshold amounts according to the UN Protocol on PRTR. Some pollutants were also submitted to IPE and because IPE does not have thresholds, pollutants which were reported to IPE are shown in full. This table includes data from three of Dell's top Storage suppliers.

	Total non-methane hydrocarbons	44753.8
7440-50-8	Copper and compounds	2188.24
-	Hydrofluorocarbons (HFCs)	1.77
7440-02-0	Nickel and compounds	182.7
71-43-2	Bezene	47010
108-88-3	Toluene	2
1330-20-7	Xylene	1648.76

Table 3: PCB³ (kg/yr)

CAS no.	Pollutants	Amount Released
-	Cod (Chemical Oxygen Demand)	23483
7664-41-7	Ammonia Nitrogen	738.87
-	Suspended Matter	13491.1
-	Total Nitrogen	415.4
-	Total Phosphorus	119.4
-	Petro	18.16
-	Anionic Surfactants	5.5053
-	Fluoride	353.4
7440-50-8	Total Copper	11.01
-	Nitrogen Oxides	375
	Total non-methane hydrocarbons	1243.055
71-43-2	Benzene	4640

³ Table 3 (PCB) represents facilities that reported to IPE. This table includes data from three of Dell's top PCB suppliers. Two of the three suppliers in scope for this component group reported no toxic emissions subject to the requirement.