



EPEAT NSF/ANSI 426-2021 Public Disclosure of Supply Chain Toxics 2019

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.unep.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.	Chemical Name	Amount Released
-	Cod (Chemical Oxygen Demand)	33946
7664-41-7	Ammonia Nitrogen	2337.5
-	Suspended Matter	22775
-	Total Nitrogen	308.8
-	Total Phosphorus	24.77
-	Petro	42.94
-	Anionic Surfactants	0
74-90-8	Cyanide	0
-	Fluoride	0
-	Total Copper	0
7440-02-0	Total Nickel	0
7446-09-5	Sulfur dioxide	0
-	Nitrogen Oxides	2060
-	Particulates	895
7664-93-9	Sulfuric acid (fog)	31.98
7647-01-0	Hydrogen Chloride	0
7664-41-7	Ammonia	19.24
-	TVOC	0
50-00-0	Formaldehyde	0
-	Sulphur Oxides	0
7664-93-9	Hydrogen Sulfides	0
	Total non-methane hydrocarbons	2357.65
7440-50-8	Copper and compounds	0
-	Hydro-fluorocarbons (HFCs)	0
7440-02-0	Nickel and compounds	0
71-43-2	Benzene	0
108-88-3	Toluene	0
1330-20-7	Xylene	0

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.

Table 2: Storage² (kg/yr)

CAS no.	Chemical Name	Amount Released
-	Cod (Chemical Oxygen Demand)	143442
7664-41-7	Ammonia Nitrogen	994.14
-	Suspended Matter	23494.7
-	Total Nitrogen	2648
-	Total Phosphorus	475
-	Petro	58
-	Anionic Surfactants	40.58
74-90-8	Cyanide	1.31
-	Fluoride	36353.25
-	Total Copper	39.43
7440-02-0	Total Nickel	0
7446-09-5	Sulfur dioxide	5430
-	Nitrogen Oxides	72025
-	Particulates	5853
7664-93-9	Sulfuric acid (fog)	1514.83
7647-01-0	Hydrogen Chloride	6102.56
7664-41-7	Ammonia	2163.44
-	TVOC	0
50-00-0	Formaldehyde	36.43
-	Sulphur Oxides	0
7664-93-9	Hydrogen Sulfides	0
	Total non-methane hydrocarbons	1933.01
7440-50-8	Copper and compounds	0
-	Hydro-fluorocarbons (HFCs)	479
7440-02-0	Nickel and compounds	0
71-43-2	Benzene	0
108-88-3	Toluene	0
1330-20-7	Xylene	0

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.

Table 3: PCB³ (kg/yr)

CAS no.	Chemical Name	Amount Released
-	Cod (Chemical Oxygen Demand)	723615.7
7664-41-7	Ammonia Nitrogen	32712.64
-	Suspended Matter	285691.7
-	Total Nitrogen	90374.8
-	Total Phosphorus	2250.572
-	Petro	5948.41
-	Anionic Surfactants	40.58
74-90-8	Cyanide	17.083
-	Fluoride	36353.25
-	Total Copper	2336.18
7440-02-0	Total Nickel	168.242
7446-09-5	Sulfur dioxide	8616.31
-	Nitrogen Oxides	113001.8
-	Particulates	24954.56
7664-93-9	Sulfuric acid (fog)	17150.75
7647-01-0	Hydrogen Chloride	11953.48
7664-41-7	Ammonia	23347.47
-	TVOC	6696.68
50-00-0	Formaldehyde	1308.28
-	Sulphur Oxides	0
7664-93-9	Hydrogen Sulfides	0
	Total non-methane hydrocarbons	24800.76
7440-50-8	Copper and compounds	0
-	Hydro-fluorocarbons (HFCs)	479
7440-02-0	Nickel and compounds	0
71-43-2	Benzene	11.18
108-88-3	Toluene	18.59
1330-20-7	Xylene	51.41

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

