

Table 1. Estimated human steady-state PFO blood levels (ppm) following exposure to APFO via air and/or drinking water.

		Parts per billion APFO in drinking water													
		0	1	2	3	4	5	6	7	8	9	10	15	30	40
ug/m ³ APFO in air	0.00	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.65	1.80	12.02
	0.05	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.65	1.80	1.95	12.17
	0.10	0.30	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	12.32
	0.15	0.45	0.75	1.05	1.35	1.65	1.95	2.25	2.55	2.85	3.16	3.46	3.76	4.06	12.47
	0.20	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	12.62
	0.30	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	4.51	12.92
	0.40	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	4.51	4.81	13.22
	0.50	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	4.51	4.81	5.11	13.52
	1.00	3.00	3.31	3.61	3.91	4.21	4.51	4.81	5.11	5.41	5.71	6.01	6.31	6.61	15.02
	2.00	6.01	6.31	6.61	6.91	7.21	7.51	7.81	8.11*	8.41	8.71	9.01	9.31	9.61	18.03
		3.00	9.01	9.31	9.62	9.92	10.22	10.52	10.82	11.12	11.42	11.72	12.02	12.32	21.03
		4.00	12.02	12.32	12.62	12.92	13.22	13.52	13.82	14.12	14.42	14.72	15.02	15.32	24.04

 PFO Blood levels less than or equal to 5 ppm
 PFO Blood levels greater than 5 ppm but less than or equal to 10 ppm

* Use of this table requires careful consideration of assumptions and limitations described in the text.

Table 1. Estimated human steady-state PFO blood levels (ppm) following exposure to APFO [PFOA or C8] via air and/or drinking water for six years

		Parts per billion APFO in drinking water													
		0	1	2	3	4	5	6	7	8	9	10	15	30	40
ug/m ³ APFO in air	0.00	0.00	0.30	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.01	4.51	9.02	12.02
	0.05	0.15	0.45	0.75	1.05	1.35	1.65	1.95	2.25	2.55	2.85	3.16	4.66	9.17	12.17
	0.10	0.30	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	4.81	9.82	12.32
	0.15	0.45	0.75	1.05	1.35	1.65	1.95	2.25	2.55	2.85	3.16	3.46	4.96	9.47	12.47
	0.20	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	5.11	9.62	12.62
	0.30	0.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	5.41	9.92	12.92
	0.40	1.20	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	5.71	10.22	13.22
	0.50	1.50	1.80	2.10	2.40	2.70	3.00	3.31	3.61	3.91	4.21	4.51	6.01	10.52	13.52
	1.00	3.00	3.31	3.61	3.91	4.21	4.51	4.81	5.11	5.41	5.71	6.01	7.51	12.02	15.02
	2.00	6.01	6.31	6.61	6.91	7.21	7.51	7.81	8.11*	8.41	8.71	9.01	10.52	15.02	18.03
		3.00	9.01	9.31	9.62	9.92	10.22	10.52	10.82	11.12	11.42	11.72	12.02	13.52	21.03
		4.00	12.02	12.32	12.62	12.92	13.22	13.52	13.82	14.12	14.42	14.72	15.02	16.53	24.04

* The value was difficult to read, closest estimate is 8.11

 Blood levels in this range exceed the most recent EPA "no harmful effect level"; female rats with 0.370 ppm PFOA in blood had altered liver weight; female offspring of these rats had decreased growth, pituitary damage and cannibalized their own offspring

 Blood levels in this range overlap with blood levels in female rats that cause serious harm; female rats with 1 ppm PFOA in blood had abnormal maternal behavior (decreased breast-feeding and cannibalized their own offspring) and low-birth weight babies; many of these offspring died early in life; female offspring of these rats had decreased growth, pituitary damage and also cannibalized their offspring