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APPENDIX B

DATA CROSSWALK FOR THE IEUBKwin MODEL

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The following table contains parameter names and associated values or equations for the Integrated Exposure Uptake and Biokinetic Model for Lead in Children (IEUBK) (versions 1.0 and 1.1). Parameter names are listed alphabetically, with corresponding model components (*e.g.,* exposure). The parameters in italics are user inputs. These parameters are member variables (objects) of a data window in the IEUBKwin model.

The values in the following table are shown with three figures after the decimal point. The IEUBKwin model output is reported to three figures after the decimal except for the blood lead concentration which is reported to one figure after the decimal point. In the IEUBKwin model, the true precision of a calculation is determined by the least precise input value. In addition, for some input parameters, the model will warn users if an input is entered which is not biologically plausible or relevant (*e.g.,* 3 million parts per million [ppm] or -1 ppm).

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Uptake	ABSD	ABSD	0.300	0.300
Uptake	ABSF	ABSF	0.500	0.500
Uptake	ABSO	ABSO	0.000	0.000
Uptake	ABSS	ABSS	0.300	0.300
Uptake	ABSW	ABSW	0.500	0.500
Exposure	air_absorp[AGE]	air_absorp[AGE]	32.000	32.000
Exposure	air_concentration[AGE]	air_concentration[AGE]	0.100	0.100
Biokinetic	ALLOMET[15]	ALLOMET[15]	0.333	0.333
Uptake	AVD	AVD	1.000	1.000
Uptake	AVF	AVF	1.000	1.000
Exposure	AvgHouseDust	AvgHouseDust	150.000*	150.000*
Exposure	AvgMultiSrc	AvgMultiSrc	150.000	150.000
Uptake	AVINTAKE[MONTH]	UPPOTEN	U-1g–l, U-2	U-1g–l, U-2
Uptake	AVPO	AVP	1.000	1.000
Uptake	AVS	AVS	1.000	1.000
Uptake	AVW	AVW	1.000	1.000
Exposure	beverage[AGE]	beverage[AGE]	E-4d	0.491 0.650 1.170 1.088 0.988 1.023 1.053
Exposure	beverageConc	—	0.002109	—
Exposure	beverage_Consump[AGE]	—	87.993 116.487 209.677 194.982 177.061 183.333 188.710	—
Biokinetic	BLOOD[STEPS]	BLOOD[STEPS]	B-10a,c	B-10a,c
Probability Distribution	blood[t]	blood[t]	None	None
Exposure	bread[AGE]	bread[AGE]	E-4e	0.090 0.286 0.240 0.300 0.360 0.408 0.503

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	breadConc	—	0.008927	—
Exposure	bread_Consump[AGE]	—	4.992 15.862 13.311 16.639 19.967 22.629 27.898	—
Exposure	Can_fruit[AGE]	can_fruit[AGE]	E-4f	1.811 1.063 1.058 0.999 0.940 0.969 1.027
Exposure	canFruitConc	—	0.023873	—
Exposure	canFruit_Consump[AGE]	—	13.941 8.183 8.145 7.691 7.236 7.460 7.906	—
Exposure	candy[AGE]	candy[AGE]	E-4h	0.219 0.248 0.724 0.537 0.352 0.326 0.274
Exposure	candyConc	—	0.011554	—
Exposure	Candy_Consump[AGE]	—	9.955 11.273 32.909 24.409 16.000 14.818 12.455	—
Exposure	canVegConc	—	0.004003	—
Exposure	canVeg_Consump[AGE]	—	0.668 2.274 2.563 2.662 2.771 2.626 2.356	—
Biokinetic	CONRBC	CONRBC	1200.000	1200.000

Data Crosswalk for the IEUBKwin Model				
Component(s)	**Parameter Name**		**Equation No.(s) or Default Values**	
	V.1.1	**V.1.0**	**V.1.1**	**V.1.0**
Exposure	*constant_dust_conc[AGE]*	*constant_dust_conc[AGE]*	200.000	200.000
Exposure	*constant_indoor_dust*	*constant_indoor_dust*	200.000	200.000
Exposure	*constant_outdoor_dust*	*constant_outdoor_dust*	200.000	200.000
Exposure	*constant_outdoor_soil*	*constant_outdoor_soil*	200.000	200.000
Exposure	*constant_soil_conc[AGE]*	*constant_soil_conc[AGE]*	200.000	200.000
Exposure	constant_water_conc	constant_water_conc	4.000	4.000
Exposure	contrib_percent	contrib_percent	0.700	0.700
Biokinetic	CRBONEBL[MONTH]	CRBONEBL[MONTH]	B-1h, B-4c	B-1h, B-4c
Biokinetic	CRKIDBL[MONTH]	CRKIDBL[MONTH]	B-2h, B-4a	B-2h, B-4a
Biokinetic	CRLIVBL[MONTH]	CRLIVBL[MONTH]	B-2e,f, B-4b	B-2e,f, B-4b
Biokinetic	CROTHBL[MONTH]	CROTHBL[MONTH]	B-2n,o, B-4d	B-2n,o, B-4d
Exposure	Cutoff	Cutoff	10	10
Exposure	dairy[AGE]	dairy[AGE]	E-4i	0.834 0.705 0.769 0.765 0.762 0.811 0.910
Exposure	dairyConc	—	0.004476	—
Exposure	dairy_Consump[AGE]	—	41.784 35.321 38.527 38.327 38.176 40.631 45.591	—
Exposure	DAYCARE[AGE]	DAYCARE[AGE]	E-9c, E-12c	E-9c, E-12c
Exposure	DaycareConc	DaycareConc	200.000	200.000
Exposure	DaycareFraction	DaycareFraction	0.000	0.000
Exposure	diet_intake[AGE]	diet_intake[AGE]	2.26 1.96 2.13 2.04 1.95 2.05 2.22	5.530 5.780 6.490 6.240 6.010 6.340 7.000
Exposure	DietTotal[AGE]	DietTotal[AGE]	E-4b	E-4b
Biokinetic	DOTHER[0]	DOTHER[0]	None	None
Exposure	dust_indoor[AGE]	dust_indoor[AGE]	200.000	200.000

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	DustTotal[AGE]	DustTotal[AGE]	E-9b, E-10, E-12a–e	E-9b, E-10, E-12a–e
Biokinetic	EXPR[0]	EXPR[0]	None	None
Exposure	f_fruit[AGE]	f_fruit[AGE]	E-4j	0.039 0.196 0.175 0.175 0.179 0.203 0.251
Exposure	fFruitConc	—	0.004462	—
Exposure	fFruit_Consump[AGE]	—	2.495 12.540 11.196 11.196 11.452 12.988 16.059	—
Exposure	FirstDrawConc	FirstDrawConc	4.000	4.000
Exposure	FirstDrawFraction	FirstDrawFraction	0.500	0.500
Exposure	formula[AGE]	formula[AGE]	E-4l	0.340 0.173 0.006 0.000 0.000 0.000 0.000
Exposure	formulaConc	—	0.002433	—
Exposure	formula_Consump[AGE]	—	45.153 22.975 0.797 0.000 0.000 0.000 0.000	—
Exposure	FountainConc	FountainConc	10.000	10.000
Exposure	FountainFraction	FountainFraction	0.150	0.150
Exposure	fruitFraction	fruitFraction	E-5c	E-5c
Exposure	F_veg[AGE]	f_veg[AGE]	E-4k	0.148 0.269 0.475 0.466 0.456 0.492 0.563

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	fVegConc	—	0.006719	—
Exposure	fVeg_Consump[AGE]	—	8.773 15.945 28.156 27.623 27.030 29.164 33.373	—
Probability Distribution	geo_mean	geo_mean	None	None
Probability Distribution	GSD	GSD	—	1.600
Biokinetic	HCT0	HCT0	—	0.450
Exposure	—	home_fruit_consump[AGE]	—	38.481 69.000 63.166 61.672 61.848 67.907 80.024
Exposure	—	home_veg_consump[AGE]	—	56.840 106.500 155.750 157.340 158.930 172.500 199.650
Exposure	HomeFlushedConc	HomeFlushedConc	1.000	1.000
Exposure	HomeFlushedFraction	HomeFlushedFraction	0.000	0.000
Exposure	HouseFraction	HouseFraction	1.000	1.000
Exposure, Uptake	*INAIR[AGE]*	*INAIR[AGE]*	E-3, U-4	E-3, U-4
Exposure	InBeverage[AGE]	InBeverage[AGE]	E-4c, E-5r	E-4c, E-5o
Exposure	InBread[AGE]	InBread[AGE]	E-4c, E-5p	E-4c, E-5m
Exposure	InCandy[AGE]	InCandy[AGE]	E-4c, E-5s	E-4c, E-5p
Exposure	InCanFruit[AGE]	InCanFruit[AGE]	E-4b, E-5g	E-4b, E-5d
Exposure	InCanVeg[AGE]	InCanVeg[AGE]	E-4b, E-5e	E-4b, E-5b
Exposure	InDairy[AGE]	InDairy[AGE]	E-4c, E-5m	E-4c, E-5j
Exposure, Uptake	INDIET[AGE]	INDIET[AGE]	E-4a,b, U-1a,g U-2	E-4a,b, U-1a,g U-2
Exposure	IndoorConc[AGE]	IndoorConc[AGE]	E-1, E-2	E-1, E-2
Exposure	indoorpercent	indoorpercent	30.000	30.000

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure, Uptake	INDUSTA[AGE]	INDUSTA[AGE]	E-9c, U-1d,j, U-2	E-9c, U-1d,j, U-2
Exposure, Uptake	INDUST[AGE]	INDUST[AGE]	E-9a,b,e U-1c,I, U-2	E-9a,b,e U-1c,I, U-2
Exposure	infant[AGE]	infant[AGE]	E-4m	1.294 0.655 0.016 0.000 0.000 0.000 0.000
Exposure	infantConc	—	0.004047	—
Exposure	infant_Consump[AGE]	—	131.767 66.905 1.634 0.000 0.000 0.000 0.000	—
Exposure	InFish[AGE]	InHomeFish[AGE]	E-4b, E-5k	E-4b, E-5h
Biokinetic	INFLOW[STEPS]	INFLOW[STEPS]	B-6a,b, B-6.5a,b	B-6a,b, B-6.5a,b
Exposure	InFormula[AGE]	InFormula[AGE]	E-4c, E-5u	E-4c, E-5r
Exposure	InFrFruit[AGE]	InFrFruit[AGE]	E-4b, E-5h	E-4b, E-5e
Exposure	InFrVeg[AGE]	InFrVeg[AGE]	E-4b, E-5f	E-4b, E-5c
Exposure	InGame[AGE]	InGame[AGE]	E-4b, E-5l	E-4b, E-5i
Exposure	InHomeFruit[AGE]	InHomeFruit[AGE]	E-4b, E-5i	E-4b, E-5f
Exposure	InHomeVeg[AGE]	InHomeVeg[AGE]	E-4b, E-5j	E-4b, E-5g
Exposure	InInfant[AGE]	InInfant[AGE]	E-4c, E-5v	E-4c, E-5s
Exposure	InJuice[AGE]	InJuice[AGE]	E-4c, E-5n	E-4c, E-5k
Exposure	InMeat[AGE]	InMeat[AGE]	E-4b, E-5d	E-4b, E-5a
Exposure	InNuts[AGE]	InNuts[AGE]	E-4c, E-5o	E-4c, E-5i
Exposure	INOTHER[AGE]	INOTHER[AGE]	0.000	0.000
Exposure	InOtherDiet[AGE][1]	InOtherDiet[AGE]	E-4b,c	E-4b,c
Exposure	InPasta[AGE]	InPasta[AGE]	E-4c, E-5q	E-4c, E-5n
Exposure	InSauce[AGE]	InSauce[AGE]	E-4c, E-5t	E-4c, E-5q
Exposure, Uptake	INSOIL[AGE]	INSOIL[AGE]	E-8a,b, U-1e,k, U-2	E-8a,b, U-1e,k, U-2

[1]Does not actually appear in Windows version source code.

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure, Uptake	INWATER[AGE]	INWATER[AGE]	E-6a,b, U-1b,h, U-2	E-6a,b, U-1b,h, U-2
Exposure	juices[AGE]	juices[AGE]	E-4n	0.049 0.283 0.381 0.381 0.381 0.477 0.667
Exposure	juiceConc	—	0.004292	—
Exposure	juice_Consump[AGE]	—	2.018 11.656 15.692 15.692 15.692 19.646 27.471	—
Biokinetic	KPLECF[0]	KPLECF[0]	-	-
Biokinetic	MCORT[0]	MCORT[0]	B-7e	B-7e
Biokinetic	MCORT[STEPS]	MCORT[STEPS]	B-6b,i, B-6.5b,i, B-7e, B-8d, B-9e,f	B-6b,i, B-6.5b,i, B-7e, B-8d, B-9e,f
Exposure	meat[AGE]	meat[AGE]	E-4o	0.226 0.630 0.811 0.871 0.931 1.008 1.161
Exposure	meatConc	—	0.007822	—
Exposure	meat_Consump[AGE]	—	12.500 29.605 38.111 40.930 43.750 47.368 54.558	—
Exposure	meat_Consump[AGE]	fish[AGE]	12.500 29.605 38.111 40.930 43.750 47.368 54.558	29.551 87.477 95.700 101.570 107.441 111.948 120.961

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	meat_Consump[AGE]	game[t]	12.500 29.605 38.111 40.930 43.750 47.368 54.558	29.551 87.477 95.700 101.570 107.441 111.948 120.961
Exposure	meatFraction	meatFraction	E-5a	E-5a
Biokinetic	MKIDNEY[0]	MKIDNEY[0]	B-7f	B-7f
Biokinetic	MKIDNEY[STEPS]	MKIDNEY[STEPS]	B-6b,f, B-6.5b,f, B-7f, B-8d, B-9c	B-6b,f, B-6.5b,f, B-7f, B-8d, B-9c
Biokinetic	MLIVER[0]	MLIVER[0]	B-7g	B-7g
Biokinetic	MLIVER[STEPS]	MLIVER[STEPS]	B-6b,e, B-6.5b,e, B-7g, B-8d, B-9b	B-6b,e, B-6.5b,e, B-7g, B-8d, B-9b
Biokinetic	MOTHER[0]	MOTHER[0]	B-7h	B-7h
Biokinetic	MOTHER[STEPS]	MOTHER[STEPS]	B-6b,g, B-6.5b,g, B-7h, B-8d, B-9d	B-6b,g, B-6.5b,g, B-7h, B-8d, B-9d
Biokinetic	MPLASM[0]	MPLASM[0]	B-7d	B-7d
Biokinetic	MPLASM[STEPS]	MPLASM[STEPS]	B-7d, B-9g, B-10a	B-7d, B-9g, B-10a
Biokinetic	MPLECF[0]	MPLECF[0]	B-7b,d	B-7b,d
Biokinetic	MPLECF[STEPS]	MPLECF[STEPS]	B-6a,c–i, B-6.5a,c–i, B-7b,d, B-8a, B-9a–g	B-6a,c–i, B-6.5a,c–i, B-7b,d, B-8a, B-9a–g
Biokinetic	MRBC[0]	MRBC[0]	B-7c	B-7c
Biokinetic	MRBC[STEPS]	MRBC[STEPS]	B-6b,d, B-6.5b,d, B-7c, B-8d, B-9a, B-10a	B-6b,d, B-6.5b,d, B-7c, B-8d, B-9a, B-10a
Biokinetic	MTRAB[0]	MTRAB[0]	B-7i	B-7i
Biokinetic	MTRAB[STEPS]	MTRAB[STEPS]	B-6b,h, B-6.5b,h, B-7i, B-8d, B-9e	B-6b,h, B-6.5b,h, B-7i, B-8d, B-9e
Exposure	multiply_factor	multiply_factor	—	100.000
Biokinetic	NBCORT	NBCORT	0.400	0.400

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Biokinetic	NBTRAB	NBTRAB	0.200	0.200
Exposure	nuts[AGE]	nuts[AGE]	E-4p	0.0010 0.0110 0.0100 0.0110 0.0110 0.0110 0.0100
Exposure	nutsConc	—	0.005798	—
Exposure	nuts_Consump[AGE]	—	0.087 0.962 0.875 0.962 0.962 0.962 0.875	—
Exposure	OCCUP[AGE]	OCCUP[AGE]	E-9c, E-12a	E-9c, E-12a
Exposure	OccupConc	OccupConc	—	1200.000
Exposure	OccupFraction	OccupFraction	—	0.000
Exposure	OTHER[AGE]	OTHER[AGE]	E-9c, E-12e	E-9c, E-12e
Exposure	OtherConc	OtherConc	—	1200.000
Exposure	OtherFraction	OtherFraction	0.000	0.000
Exposure	other_intake	other_intake	0.000	0.000
Biokinetic	OUTFLOW[STEPS]	OUTFLOW[STEPS]	B-6a,c, B-6.5a,c	B-6a,c, B-6.5a,c
Uptake	PAFD	PAFD	—	0.200
Uptake	PAFF	PAFF	—	0.200
Uptake	PAFP	PAFP	—	0.200
Uptake	PAFS	PAFS	—	0.200
Uptake	PAFW	PAFW	—	0.200
Exposure	pasta[AGE]	pasta[AGE]	E-4q	0.239 0.434 0.603 0.595 0.587 0.623 0.693
Exposure	pastaConc	—	0.006163	—

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	pasta_Consump[AGE]	—	10.409 18.902 26.263 25.915 25.566 27.134 30.183	—
Biokinetic	PBBLD0	PBBLD0	B-7a,b,c,e–i	B-7a,b,c,e–i
Biokinetic	PBBLDMAT	PBBLDMAT	1.0	2.500
Biokinetic	PBBLOODEND[MONTH]	PBBLOODEND[MONTH]	B-10c	B-10c
Biokinetic	RATBLPL	RATBLPL	—	100.000
Biokinetic	RATFECUR	RATFECUR	—	0.750
Biokinetic	RATOUTFEC	RATOUTFEC	—	0.750
Biokinetic	RCORT0	RCORT0	—	78.900
Biokinetic	RECSUM[STEPS]	RECSUM[0]	—	None
Biokinetic	ResCoef[15]	ResCoef[15]	—	0.100 20.000 10.000 10.000 10.000 1.000 100.000 0.750 0.750 0.000 0.000 0.000 0.000 0.000 0.000
Biokinetic	RKIDNEY0	RKIDNEY0	—	10.600
Biokinetic	RLIVER0	RLIVER0	—	13.000
Biokinetic	ROTHER0	ROTHER0	—	16.000
Biokinetic	RTRAB0	RTRAB0	—	51.200
Uptake	SATINTAKE2	SATINTAKE2	—	100.000
Uptake	SATUPTAKE[MONTH]	SATUPTAKE[MONTH]	U-1g–l, U-3	U-1g–l, U-3
Exposure	sauce[AGE]	sauce[AGE]	E-4r	0.021 0.061 0.071 0.088 0.104 0.105 0.105

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	sauceConc	—	0.010215	—
Exposure	Sauce_Consump[AGE]	—	1.647 4.784 5.569 6.902 8.157 8.235 8.235	—
Exposure	SCHOOL[AGE]	SCHOOL[AGE]	E-9c, E-12d	E-9c, E-12d
Exposure	SchoolConc	SchoolConc	—	200.000
Exposure	SchoolFraction	SchoolFraction	—	0.000
Exposure	SECHOME[AGE]	SECHOME[AGE]	E-9c, E-12d	E-9c, E-12d
Exposure	SecHomeConc	SecHomeConc	—	200.000
Exposure	SecHomeFraction	SecHomeFraction	—	0.000
Exposure	soil_content[AGE]	soil_content[AGE]	—	200.000
Exposure	soil_indoor[AGE]	soil_indoor[AGE]	E-9b,d, E-11a–d	E-9b,d, E-11a–d
Exposure	soil_ingested[AGE]	soil_ingested[AGE]	—	0.085 0.135 0.135 0.135 0.100 0.090 0.085
Biokinetic	STEPS	STEPS	B-10b	B-10b
Biokinetic	SUM1[STEPS]	SUM1[STEPS]	B-8a,b	B-8a,b
Biokinetic	SUM2[STEPS]	SUM2[STEPS]	B-8a,c	B-8a,c
Biokinetic	SUM3[STEPS]	SUM3[STEPS]	B-8a,d	B-8a,d
Biokinetic	TBLBONE	TBLBONE[MONTH]	B-1e,h, B-2i,k	B-1e,h, B-2i,k
Biokinetic	TBLFEC	TBLFEC[MONTH]	B-1f,g, B-2e,f	B-1f,g, B-2e,f
Biokinetic	TBLKID	TBLKID[MONTH]	B-1d,g B-2g,h	B-1d,g B-2g,h
Biokinetic	TBLLIV	TBLLIV[MONTH]	B-1b, B-2d,e	B-1b, B-2d,e
Biokinetic	TBLOTH	TBLOTH[MONTH]	B-1c, B-2m,n	B-1c, B-2m,n
Biokinetic	TBLOUT	TBLOUT[MONTH]	B-1g, B-2n,o	B-1g, B-2n,o
Biokinetic	TBLUR	TBLUR[MONTH]	B-1a,f, B-2c	B-1a,f, B-2c
Biokinetic	TBONEBL	TBONEBL[MONTH]	B-1h, B-2j,l	B-1h, B-2j,l
Biokinetic	TCORTPL[MONTH]	TCORTPL[MONTH]	B-2l, B-6b,i, B-6.5b,i, B-8c,d, B-9f	B-2l, B-6b,i, B-6.5b,i, B-8c,d, B-9f

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	time_out[AGE]	time_out[AGE]	—	1.000 2.000 3.000 4.000 4.000 4.000 4.000
Biokinetic	TimeSteps	TimeSteps	—	1/6
Biokinetic	TKIDPL[MONTH]	TKIDPL[MONTH]	B-2h, B-6b,f, B-6.5b,f, B-8c,d, B-9c	B-2h, B-6b,f, B-6.5b,f, B-8c,d, B-9c
Biokinetic	TLIVALL	TLIVALL	B-8c,d, B-9b,i	B-8c,d, B-9b,i
Biokinetic	TLIVFEC[MONTH]	TLIVFEC[MONTH]	B-2e,f, B-4i, B-6e, B-6.5e	B-2e,f, B-4i, B-6e, B-6.5e
Biokinetic	TLIVPL[MONTH]	TLIVPL[MONTH]	B-2e, B-6b,e, B-6.5b,e, B-8c,d, B-9i	B-2e, B-6b,e, B-6.5b,e, B-8c,d, B-9i
Exposure	TotAltSource	TotAltSource	Internal verification of E-9.5	Internal verification of E-9.5
Biokinetic	TOTHALL	TOTHALL[MONTH]	B-8c,d, B-9d,h	B-8c,d, B-9d,h
Biokinetic	TOTHOUT[MONTH]	TOTHOUT[MONTH]	B-2o, B-6g, B-6.5g, B-9h	B-2o, B-6g, B-6.5g, B-9h
Biokinetic	TOTHPL[MONTH]	TOTHPL[MONTH]	B-2n, B-6b,g, B-6.5b,g, B-8c,d, B-9h	B-2n, B-6b,g, B-6.5b,g, B-8c,d, B-9h
Biokinetic	TPLCORT[MONTH]	TPLCORT[MONTH]	B-2k, B-6c,i, B-6.5c,i, B-8b,c, B-9e,f	B-2k, B-6c,i, B-6.5c,i, B-8b,c, B-9e,f
Biokinetic	TPLKID[MONTH]	TPLKID[MONTH]	B-2g, B-6c,f, B-6.5c,f, B-8b,c, B-9c	B-2g, B-6c,f, B-6.5c,f, B-8b,c, B-9c
Biokinetic	TPLLIV[MONTH]	TPLLIV[MONTH]	B-2d, B-6c,e, B-6.5c,e, B-8b,c, B-9b	B-2d, B-6c,e, B-6.5c,e, B-8b,c, B-9b
Biokinetic	TPLOTH[MONTH]	TPLOTH[MONTH]	B-2m, B-6c,g, B-6.5c,g, B-8b,c, B-9d	B-2m, B-6c,g, B-6.5c,g, B-8b,c, B-9d
Biokinetic	TPLRBC	TPLRBC	B-2a,b, B-2.5, B-7b,c	B-2a,b, B-2.5, B-7b,c
Biokinetic	TPLRBC2	TPLRBC2[STEPS]	B-2.5, B-5, B-6c,d, B-6.5c,d, B-8b,c, B-9a	B-2.5, B-5, B-6c,d, B-6.5c,d, B-8b,c, B-9a

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Biokinetic	TPLTRAB[MONTH]	TPLTRAB[MONTH]	B-2i, B-6c,h, B-6.5c,h, B-8b,c, B-9e	B-2i, B-6c,h, B-6.5c,h, B-8b,c, B-9e
Biokinetic	TPLUR[MONTH]	TPLUR[MONTH]	B-2c, B-6c, B-6.5c, B-8b	B-2c, B-6c, B-6.5c, B-8b
Biokinetic	TRBCPL	TRBCPL	B-2b, B-6b,d, B-6.5b,d, B-7b,c B-8c,d, B-9a	B-2b, B-6b,d, B-6.5b,d, B-7b,c B-8c,d, B-9a
Biokinetic	TTRABPL[MONTH]	TTRABPL[MONTH]	B-2j, B-6b,h, B-6.5b,h, B-8c,d, B-9e	B-2j, B-6b,h, B-6.5b,h, B-8c,d, B-9e
Exposure	TWA[AGE]	TWA[AGE]	E-2, E-3	E-2, E-3
Uptake	UPAIR[MONTH]	UPAIR[MONTH]	U-4, U-5	U-4, U-5
Uptake	UPDIET[MONTH]	UPDIET[MONTH]	U-1a,g U-5	U-1a,g U-5
Uptake	UPDUSTA[MONTH]	UPDUSTA[MONTH]	U-1d,j, U-5	U-1d,j, U-5
Uptake	UPDUST[MONTH]	UPDUST[MONTH]	U-1c,i U-5	U-1c,i U-5
Uptake	UPOTHER[MONTH]	UPOTHER[MONTH]	U-1f, U-5	U-1f, U-5
Uptake	UPSOIL[MONTH]	UPSOIL[MONTH]	U-1e,k, U-5	U-1e,k, U-5
Biokinetic	UPTAKE[MONTH]	UPTAKE[MONTH]	U-5, B-6a, B-6.5a, B-8a	U-5, B-6a, B-6.5a, B-8a
Uptake	UPWATER[MONTH]	UPWATER[MONTH]	U-1b,h, U-5	U-1b,h, U-5
Exposure	UserFishConc	UserFishConc	—	0.000
Exposure	userFishFraction	userFishFraction	—	0.000
Exposure	UserFruitConc	UserFruitConc	—	0.000
Exposure	userFruitFraction	userFruitFraction	—	0.000
Exposure	UserGameConc	UserGameConc	—	0.000
Exposure	userGameFraction	userGameFraction	—	0.000
Exposure	UserVegConc	UserVegConc	—	0.000
Exposure	userVegFraction	userVegFraction	—	0.000
Exposure	vary_indoor	vary_indoor	—	—
Exposure	vary_outdoor	vary_outdoor	—	—
Exposure	vegFraction	vegFraction	E-5b	E-5b

Data Crosswalk for the IEUBKwin Model				
Component(s)	Parameter Name		Equation No.(s) or Default Values	
	V.1.1	V.1.0	V.1.1	V.1.0
Exposure	vent_rate[AGE]	vent_rate[AGE]	—	2.000 3.000 5.000 5.000 5.000 7.000 7.000
Biokinetic	VOLBLOOD[MONTH]	VOLBLOOD[MONTH]	B-1h, B-2e,f,h,n,o, B-5a,d,e,m, B-10a	B-1h, B-2e,f,h,n,o, B-5a,d,e,m, B-10a
Biokinetic	VOLECF[MONTH]	VOLECF[MONTH]	B-5d, B-9g	B-5d, B-9g
Biokinetic	VOLPLASM[0]	VOLPLASM[0]	B-7b,c	B-7b,c
Biokinetic	VOLPLASM[MONTH]	VOLPLASM[MONTH]	B-5c, B-7b,c, B-9g	B-5c, B-7b,c, B-9g
Biokinetic	VOL	VOLRBC(0)	B-7b,c	B-7b,c
Biokinetic	VOLRBC[MONTH]	VOLRBC[MONTH]	B-2.5, B-5b	B-2.5, B-5b
Exposure	water_consumption[AGE]	water_consumption[AGE]	—	0.200 0.500 0.520 0.530 0.550 0.580 0.590
Exposure	weight_soil	weight_soil	—	45.000
Biokinetic	WTBLOOD[MONTH]	WTBLOOD[MONTH]	B-5l,m	B-5l,m
Uptake, Biokinetic	WTBODY[MONTH]	WTBODY[MONTH]	U-3, B-1a–e, B-5f,g,l	U-3, B-1a–e, B-5f,g,l
Biokinetic	WTBONE[MONTH]	WTBONE[MONTH]	B-5g,h,i	B-5g,h,i
Biokinetic	WTCORT[0]	WTCORT[0]	B-7e	B-7e
Biokinetic	WTCORT[MONTH]	WTCORT[MONTH]	B-1h, B-5h,l, B-7e	B-1h, B-5h,l, B-7e
Biokinetic	WTECF[MONTH]	WTECF[MONTH]	B-5e,l	B-5e,l
Biokinetic	WTKIDNEY[0]	WTKIDNEY[0]	B-7f	B-7f
Biokinetic	WTKIDNEY[MONTH]	WTKIDNEY[MONTH]	B-2h, B-5j,l, B-7f	B-2h, B-5j,l, B-7f
Biokinetic	WTLIVER[0]	WTLIVER[0]	B-7g	B-7g
Biokinetic	WTLIVER[MONTH]	WTLIVER[MONTH]	B-2e,f, B-5k,l, B-7g	B-2e,f, B-5k,l, B-7g
Biokinetic	WTOTHER[0]	WTOTHER[0]	B-7h	B-7h
Biokinetic	WTOTHER[MONTH]	WTOTHER[MONTH]	B-2n,o, B-5l, B-7h	B-2n,o, B-5l, B-7h
Biokinetic	WTTRAB[0]	WTTRAB[0]	B-7i	B-7i
Biokinetic	WTTRAB[MONTH]	WTTRAB[MONTH]	B-1h, B-5i,l, B-7i	B-1h, B-5i,l, B-7i