

Supplementary:

Australian Aggregation tables and the interpolation of the Australian IO table in 2010–2011

This supplementary, first, lists the aggregated Australian input-output Tables of 2006–2007, 2007–2008, 2008–2009, 2009–2010 and 2012–2013 (see Tables S1, S2, S3, S4, and S5). And then it introduces the detail of regression models for interpolating 7 intermediate sectors and Primary inputs (see Tables S6, S7, S8, S9, S10, S11, S12, and S13). Regression models for extrapolating 8 intermediate sectors and Primary inputs (see Tables S14, S15, S16, S17, S18, S19, S20, S21, and S22).

Table S1. Australian Aggregation IO table with 8 industry sectors, 2006–2007; units of \$ million \$AUD.

	Ag	Mi	Ma	EGW	Co	Pa	AOI	WMS	Households	Other Final Demand	Total Output
	(Million \$AUD)										
Ag	9088.29	64.54	23524.55	15.91	272.42	106.13	4827.30	0.23	7110.43	9672.21	54682.00
Mi	100.75	13764.15	33134.26	3630.00	708.27	359.12	4059.14	0.96	1523.29	67710.05	124990.00
Ma	4882.88	7377.67	71331.43	2157.30	34072.25	4283.52	57790.68	110.86	63594.77	108649.64	354251.00
EGW	963.59	2150.88	5580.02	6083.01	1254.79	805.44	11111.36	13.48	12673.52	4731.92	45368.00
Co	964.81	3969.36	2033.16	3071.50	62800.92	3461.29	17494.45	4.66	1041.28	150061.56	244903.00
Pa	64.02	424.19	1209.48	123.69	981.36	2242.05	7252.02	2.35	1287.20	80837.64	94424.00
AOI	11247.19	17451.74	62559.24	7051.92	55678.39	23340.69	359593.00	235.03	415804.18	219795.64	1172757.00
WMS	1.66	39.20	104.72	48.17	1661.84	22.74	322.41	0.01	379.77	474.47	3055.00
Primary Input	27368.81	79748.28	154774.13	23186.50	87472.76	59803.03	710306.64	2687.42	107534.56	67155.86	1320038.00
Total Input	54682.00	124990.00	354251.00	45368.00	244903.00	94424.00	1172757.00	3055.00	610949.00	709089.00	3414468.00

Table S2. Australian Aggregation IO table with 8 industry sectors, 2007–2008; units of million \$AUD.

	Ag	Mi	Ma	EGW	Co	Pa	AOI	WMS	Households	Other Final Demand	Total Output
	(Million \$AUD)										
Ag	10861.86	85.73	25693.53	17.10	396.61	151.53	4903.53	0.18	6478.67	12284.24	60873.00
Mi	59.77	13012.57	34736.14	4181.95	909.27	216.33	3310.47	0.54	625.93	80606.03	137659.00
Ma	5329.43	8379.22	73522.17	2337.57	39721.47	4456.56	63981.86	138.05	65265.38	115842.29	378974.00
EGW	892.34	1779.14	6296.29	6650.07	1232.88	867.60	10757.65	14.02	15315.22	6499.79	50305.00
Co	889.95	4742.00	2411.60	3797.79	72756.96	3868.77	18038.42	4.26	1446.05	171593.20	279549.00
Pa	52.71	441.61	1199.41	132.42	987.71	2539.11	7145.88	2.07	1354.92	87189.15	101045.00
AOI	11868.35	18684.54	66168.64	8700.41	64178.34	27053.59	391799.24	231.84	452531.73	234055.31	1275272.00
WMS	1.49	47.28	107.58	56.04	1736.72	22.75	314.19	0.00	532.41	438.54	3257.00
Primary Input	30917.10	90486.91	168838.63	24431.64	97629.04	61868.76	775020.76	2866.04	112636.68	78957.45	1443653.00
Total Input	60873.00	137659.00	378974.00	50305.00	279549.00	101045.00	1275272.00	3257.00	656187.00	787466.00	3730587.00

Table S3. Australian Aggregation IO table with 8 industry sectors, 2008–2009; units of million \$AUD.

	Ag	Mi	Ma	EGW	Co	Pa	AOI	WMS	Households	Other Final Demand	Total Output
	(Million \$AUD)										
Ag	12726.19	159.57	28384.09	20.93	375.32	166.10	6046.16	0.26	7065.85	14326.51	69271.00
Mi	77.88	16732.28	32547.65	4047.23	856.05	115.40	2927.03	1.52	2000.39	122860.57	182166.00
Ma	5731.21	9268.14	76710.72	1890.07	42653.67	5469.56	69195.52	115.75	64209.75	118151.61	393396.00
EGW	955.64	2192.07	5626.39	13840.27	1286.48	590.19	10013.97	13.05	14494.37	7174.57	56187.00
Co	1459.84	6410.60	3289.25	2644.74	77006.71	5595.63	26663.40	10.06	691.48	173340.29	297112.00
Pa	60.85	526.85	1108.12	121.17	1024.00	3211.59	8417.25	2.72	1898.23	93930.21	110301.00
AOI	13917.13	25188.85	70445.94	6723.02	67057.29	29732.45	398989.62	427.55	468365.06	244483.09	1325330.00
WMS	2.58	44.24	125.96	48.70	1771.88	26.42	314.92	0.00	520.54	489.77	3345.00
Primary Input	34339.68	121643.39	175157.87	26850.88	105080.59	65393.66	802762.13	2774.08	116968.34	78465.38	1529436.00
Total Input	69271.00	182166.00	393396.00	56187.00	297112.00	110301.00	1325330.00	3345.00	676214.00	853222.00	3966544.00

Table S4. Australian Aggregation IO table with 8 industry sectors, 2009–2010; units of million \$AUD.

	Ag	Mi	Ma	EGW	Co	Pa	AOI	WMS	Households	Other Final Demand	Total Output
	(Million \$AUD)										
Ag	13,420.64	200.8653	24,772.39	34.2474	571.1206	175.5993	6,784.67	1.002	6450.1067	13,467.36	65,878.00
Mi	64.2945	18,979.43	29,647.24	3,426.72	1,399.34	99.4827	2,826.65	1.4156	2108.0194	103,962.42	162,515.00
Ma	5,099.91	7,253.39	72,764.32	1,899.70	44,135.63	4,383.00	64,633.10	102.9038	67206.8679	106,187.19	373,666.00
EGW	1,057.32	2,499.78	6,213.25	17,311.37	1,304.40	633.316	11,422.44	13.8465	16277.278	7,493.00	64,226.00
Co	1,104.48	7,569.35	3,049.72	4,266.23	81,429.02	6,760.20	29,083.91	138.9193	716.7146	179515.4635	313,634.00
Pa	62.8181	520.5506	1,275.65	150.5405	1,100.35	3,184.70	8,717.94	2.2565	1933.6058	98,802.58	115,751.00
AOI	12,648.48	23,691.54	69,747.18	7,742.55	71,020.60	31,563.06	404,647.88	389.9196	497319.6568	251,529.13	1,370,300.00
WMS	1.8069	49.5498	128.8692	52.9586	2039.0995	30.5002	319.7027	0.0084	651.5341	456.9742	3731.0036
Primary Input	32,418.24	101,750.56	166,067.39	29,341.70	110,634.43	68,921.14	841,863.71	3,080.73	118,578.22	78,556.88	1,551,213.00
Total Input	65,878.00	162,515.00	373,666.00	64,226.00	313,634.00	115,751.00	1,370,300.00	3,731.00	711,242.00	839,971.00	4,020,914.00

Table S5. Australian Aggregation IO table with 8 industry sectors, 2012–2013; units of million \$AUD.

	Ag	Mi	Ma	EGW	Co	Pa	AOI	WMS	Households	Other Final Demand	Total Output
	(Million \$AUD)										
Ag	13053.21	453.97	25324.81	16.17	488.13	130.00	4595.14	0.52	7963.07	22429.98	74455.00
Mi	264.06	13834.54	40603.70	2493.00	4144.78	384.93	5936.66	7.87	2614.46	143984.00	214268.00
Ma	4978.94	10987.15	52571.40	1412.30	53120.13	3214.13	55976.82	74.44	64499.14	101049.56	347884.02
EGW	1167.35	4016.16	7898.00	24725.01	1707.48	4004.35	13768.60	27.53	22243.32	7278.19	86836.00
Co	1835.92	10341.71	2298.16	3114.02	108036.80	5633.00	30037.63	17.52	756.77	227092.47	389164.00
Pa	63.49	1546.29	1430.91	172.25	2105.45	3585.54	10044.54	1.99	1819.39	116275.15	137045.00
AOI	13119.49	42372.23	59273.91	12630.67	71139.34	35283.62	483760.36	808.07	598759.54	288213.77	1605360.99
WMS	93.68	44.21	282.00	104.02	604.79	108.02	2635.58	41.08	403.03	764.58	5081.00
Primary Input	39878.85	130671.73	158201.11	42168.56	147817.09	84701.42	998605.67	4101.97	137358.29	98557.31	1842062.00
Total Input	74455.00	214268.00	347884.00	86836.00	389164.00	137045.00	1605361.00	5081.00	836417.00	1005645.00	4702155.99

Table S6. Regression model (interpolation) for Agriculture-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Ag - Ag	0.988	0.006	Constant	6452.523	0.003
			Year	2842.893	0.005
			Year^2	-271.413	0.007
Ag - Mi	0.993	0.004	Constant	35.182	0.260
			Year	19.916	0.276
			Year^2	5.699	0.070
Ag - Ma			Constant	24035.820	
			Year	184.142	
			Year^2		
Ag - EGW			Constant	58.345	
			Year	-6.024	
			Year^2		
Ag - Co			Constant	681.775	
			Year	-27.664	
			Year^2		
Ag - Pa	0.962	0.019	Constant	60.672	0.022
			Year	55.138	0.010
			Year^2	-6.473	0.010
Ag - AOI			Constant	9704.053	
			Year	-729.845	
			Year^2		
Ag - WMS			Constant	1.640	
			Year	-0.159	
			Year^2		
Ag - Households			Constant	4432.829	
			Year	504.320	
			Year^2		
Ag – Other Final Demand	0.899	0.050	Constant	9393.973	0.066
			Year	794.160	0.652

			Year^2	148.224	0.496
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Table S7. Regression model (interpolation) for Mining-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Mi - Ag	0.965	0.018	Constant	155.340	0.029
			Year	-67.122	0.052
			Year^2	11.787	0.025
Mi - Mi			Constant	25839.276	
			Year	-1714.962	
			Year^2		
Mi - Ma			Constant	15038.626	
			Year	3652.153	
			Year^2		
Mi - EGW			Constant	4671.671	
			Year	-311.2388	
			Year^2		
Mi - Co	0.990	0.005	Constant	1037.164	0.049
			Year	-379.315	0.115
			Year^2	117.472	0.020
Mi - Pa	0.997	0.001	Constant	571.725	0.000
			Year	-241.942	0.001
			Year^2	30.755	0.001
Mi - AOI	0.994	0.003	Constant	5433.032	0.001
			Year	-1556.336	0.004
			Year^2	232.310	0.003
Mi - WMS	0.973	0.013	Constant	1.864	0.155
			Year	-1.160	0.144
			Year^2	0.287	0.039
Mi - Households			Constant	1432.771	
			Year	168.812	
			Year^2		
Mi – Other Final Demand			Constant	50600.304	

			Year	13340.528	
			Year^2		

Table S8. Regression model (interpolation) for Manufacturing-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Ma - Ag			Constant	5261.213	
			Year	-40.325	
			Year^2		
Ma - Mi			Constant	2275.030	
			Year	1244.589	
			Year^2		
Ma - Ma	0.981	0.010	Constant	65125.041	0.001
			Year	7279.104	0.031
			Year^2	-1297.088	0.014
Ma - EGW	0.813	0.023	Constant	2417.641	0.000
			Year	-140.6626	0.023
			Year^2		
Ma - Co	0.965	0.018	Constant	30722.429	0.005
			Year	4249.322	0.082
			Year^2	-153.765	0.423
Ma - Pa			Constant	5941.494	
			Year	-389.624	
			Year^2		
Ma - AOI			Constant	76174.795	
			Year	-2885.425	
			Year^2		
Ma - WMS			Constant	140.850	
			Year	-9.487	
			Year^2		
Ma - Households			Constant	70817.167	
			Year	-902.575	
			Year^2		
Ma – Other Final Demand			Constant	113037.377	
			Year	-1712.546	

			Year^2		
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Table S9. Regression model (interpolation) for EGW-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
EGW - Ag	0.758	0.035	Constant	864.081	0.000
			Year	42.108	0.035
			Year^2		
EGW - Mi	0.946	0.027	Constant	2179.256	0.023
			Year	-219.438	0.390
			Year^2	69.268	0.101
EGW - Ma	0.724	0.043	Constant	5087.350	0.001
			Year	363.365	0.043
			Year^2		
EGW - EGW	0.927	0.037	Constant	186.235	0.963
			Year	4865.873	0.146
			Year^2	-190.396	0.524
EGW - Co	0.989	0.006	Constant	1304.672	0.001
			Year	-67.218	0.084
			Year^2	17.790	0.019
EGW - Pa	0.961	0.019	Constant	1747.348	0.069
			Year	-947.061	0.081
			Year^2	180.559	0.034
EGW - AOI			Constant	8294.215	
			Year	782.055	
			Year^2		
EGW - WMS	0.972	0.014	Constant	16.763	0.011
			Year	-3.333	0.086
			Year^2	0.693	0.030
EGW - Households	0.910	0.045	Constant	12743.544	0.020
			Year	365.829	0.767
			Year^2	140.087	0.389
EGW – Other Final Demand	0.934	0.033	Constant	3255.979	0.021
			Year	1833.035	0.024

			Year^2	-180.557	0.034
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Table S10. Regression model (interpolation) for Construction-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Co - Ag			Constant	129.217	
			Year	243.815	
			Year^2		
Co - Mi	0.986	0.007	Constant	2406.427	0.041
			Year	1428.073	0.041
			Year^2	-41.473	0.361
Co - Ma			Constant	4051.804	
			Year	-250.521	
			Year^2		
Co - EGW			Constant	5802.506	
			Year	-384.070	
			Year^2		
Co - Co	0.976	0.012	Constant	59233.246	0.005
			Year	4856.355	0.202
			Year^2	295.015	0.439
Co - Pa			Constant	8263.131	
			Year	-375.733	
			Year^2		
Co - AOI			Constant	27812.285	
			Year	317.906	
			Year^2		
Co - WMS			Constant	300.790	
			Year	-40.468	
			Year^2		
Co - Households			Constant	663.302	
			Year	13.353	
			Year^2		
Co – Other Final Demand	0.928	0.036	Constant	147587.061	0.007
			Year	6478.252	0.481

			Year^2	677.689	0.528
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Table S11. Regression model (interpolation) for Pa-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Pa - Ag			Constant	61.917	
			Year	0.225	
			Year^2		
Pa - Mi	0.974	0.013	Constant	585.479	0.046
			Year	-174.981	0.151
			Year^2	44.390	0.040
Pa - Ma			Constant	1068.653	
			Year	51.750	
			Year^2		
Pa - EGW	0.777	0.031	Constant	111.192	0.001
			Year	8.477	0.031
			Year^2		
Pa - Co	0.993	0.004	Constant	1142.885	0.004
			Year	-185.111	0.046
			Year^2	45.966	0.011
Pa - Pa	0.894	0.053	Constant	1686.123	0.030
			Year	574.486	0.083
			Year^2	-43.467	0.175
Pa - AOI	0.919	0.007	Constant	6613.101	0.000
			Year	500.713	0.007
			Year^2		
Pa - WMS			Constant	2.610	
			Year	-0.088	
			Year^2		
Pa - Households			Constant	2085.893	
			Year	-38.072	
			Year^2		
Pa – Other Final Demand	0.998	0.001	Constant	74507.948	0.000
			Year	6519.508	0.007

			Year^2	-80.210	0.343
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Table S12. Regression model (interpolation) for WMS-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
WMS - Ag	0.972	0.014	Constant	22.144	0.192
			Year	-21.569	0.086
			Year^2	4.521	0.030
WMS - Mi			Constant	56.668	
			Year	-1.780	
			Year^2		
WMS - Ma	0.981	0.009	Constant	122.383	0.019
			Year	-20.656	0.179
			Year^2	6.182	0.036
WMS - EGW	0.927	0.037	Constant	60.349	0.030
			Year	-10.699	0.235
			Year^2	2.405	0.086
WMS - Co			Constant	3951.515	
			Year	-478.104	
			Year^2		
WMS - Pa	0.990	0.005	Constant	35.554	0.029
			Year	-14.580	0.059
			Year^2	3.551	0.015
WMS - AOI	0.975	0.012	Constant	850.202	0.090
			Year	-557.296	0.075
			Year^2	115.568	0.027
WMS - WMS	0.974	0.013	Constant	9.367	0.200
			Year	-9.829	0.079
			Year^2	2.043	0.028
WMS - Households			Constant	982.875	
			Year	-82.835	
			Year^2		
WMS – Other Final Demand	0.937	0.032	Constant	534.118	0.011
			Year	-72.277	0.166

			Year^2	14.968	0.065
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Table S13. Regression model (interpolation) for Primary input-to-industry sectors, coefficients (n = 5).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	<i>p</i> -value
Primary input - Households	0.977	0.011	Constant	105470.113	0.001
			Year	2573.329	0.268
			Year^2	278.214	0.300
Primary Input – Other Final Demand	0.861	0.015	Constant	64486.912	0.000
			Year	4662.254	0.015
			Year^2		

Table S14. Regression model (extrapolation) for Agriculture-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Ag - Ag	0.951	0.016	Constant	7808.899	0.005
			Year	1486.139	0.016
			Year^2		
Ag - Mi	0.943	0.019	Constant	6.972	0.744
			Year	48.282	0.019
			Year^2		
Ag - Ma			Constant	39219.192	
			Year	-3611.702	
			Year^2		
Ag - EGW			Constant	-19.008	
			Year	13.314	
			Year^2		
Ag - Co			Constant	-212.063	
			Year	195.796	
			Year^2		
Ag - Pa			Constant	137.615	
			Year	9.496	
			Year^2		
Ag - AOI	0.878	0.042	Constant	3886.726	0.011
			Year	701.476	0.042
			Year^2		
Ag - WMS			Constant	-1.960	
			Year	0.741	
			Year^2		
Ag - Households			Constant	8913.086	
			Year	-615.745	
			Year^2		
Ag – Other Final Demand			Constant	16903.991	
			Year	-859.159	

			Year^2		
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Table S15. Regression model (extrapolation) for Mining-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Mi - Ag			Constant	118.641	
			Year	-13.587	
			Year^2		
Mi - Mi			Constant	9990.852	
			Year	2247.144	
			Year^2		
Mi - Ma			Constant	41248.870	
			Year	-2900.408	
			Year^2		
Mi - EGW			Constant	5908.765	
			Year	-620.512	
			Year^2		
Mi - Co			Constant	-773.824	
			Year	543.292	
			Year^2		
Mi - Pa	0.993	0.047	Constant	576.129	0.030
			Year	-246.569	0.063
			Year^2	31.717	0.096
Mi - AOI	0.999	0.019	Constant	5111.425	0.006
			Year	-1218.464	0.024
			Year^2	162.074	0.036
Mi - WMS			Constant	1.848	
			Year	-0.108	
			Year^2		
Mi - Households			Constant	1677.500	
			Year	107.630	
			Year^2		
Mi – Other Final Demand			Constant	179555.027	
			Year	-18898.152	

			Year^2		
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Table S16. Regression model (extrapolation) for Manufacturing-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Ma - Ag			Constant	7625.089	
			Year	-631.2943	
			Year^2		
Ma - Mi			Constant	15312.411	
			Year	-2014.756	
			Year^2		
Ma - Ma			Constant	88549.943	
			Year	-3946.407	
			Year^2		
Ma - EGW			Constant	1861.177	
			Year	9.630	
			Year^2		
Ma - Co	0.996	0.037	Constant	26656.104	0.019
			Year	8521.301	0.054
			Year^2	-1041.814	0.086
Ma - Pa			Constant	8729.254	
			Year	-1086.564	
			Year^2		
Ma - AOI			Constant	82882.808	
			Year	-4562.428	
			Year^2		
Ma - WMS			Constant	154.290	
			Year	-12.847	
			Year^2		
Ma - Households			Constant	55218.381	
			Year	2997.122	
			Year^2		
Ma – Other Final Demand			Constant	154044.860	
			Year	-11964.417	

			Year^2		
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Table S17. Regression model (extrapolation) for EGW-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	<i>p</i> -value
EGW - Ag			Constant	650.586	
			Year	101.685	
			Year^2		
EGW - Mi			Constant	1268.953	
			Year	307.706	
			Year^2		
EGW - Ma			Constant	3865.811	
			Year	586.860	
			Year^2		
EGW - EGW	0.877	0.042	Constant	752.359	0.781
			Year	4087.527	0.042
			Year^2		
EGW - Co			Constant	1232.710	
			Year	17.924	
			Year^2		
EGW - Pa			Constant	460.831	
			Year	43.121	
			Year^2		
EGW - AOI			Constant	5788.567	
			Year	1408.467	
			Year^2		
EGW - WMS			Constant	10.651	
			Year	0.799	
			Year^2		
EGW - Households			Constant	9145.662	
			Year	1782.904	
			Year^2		
EGW – Other Final Demand			Constant	6219.268	
			Year	318.433	

			Year^2		
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Table S18. Regression model (extrapolation) for Construction-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Co - Ag			Constant	2525.943	
			Year	-355.3666	
			Year^2		
Co - Mi	0.974	0.009	Constant	2555.686	0.015
			Year	1246.856	0.009
			Year^2		
Co - Ma			Constant	4007.858	
			Year	-239.5347	
			Year^2		
Co - EGW			Constant	-2219.730	
			Year	1621.489	
			Year^2		
Co - Co	0.9260	0.025	Constant	58464.888	0.002
			Year	6013.406	0.025
			Year^2		
Co - Pa	0.932	0.023	Constant	2015.577	0.054
			Year	1162.358	0.023
			Year^2		
Co - AOI	0.842	0.054	Constant	11971.707	0.053
			Year	4339.334	0.054
			Year^2		
Co - WMS			Constant	-376.506	
			Year	128.856	
			Year^2		
Co - Households			Constant	615.773	
			Year	25.236	
			Year^2		
Co – Other Final Demand			Constant	154814.758	

			Year	6175.176	
			Year^2		

Table S19. Regression model (extrapolation) for Pa-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
Pa - Ag			Constant	54.947	
			Year	1.968	
			Year^2		
Pa - Mi			Constant	545.751	
			Year	-6.300	
			Year^2		
Pa - Ma			Constant	605.529	
			Year	167.531	
			Year^2		
Pa - EGW			Constant	33.054	
			Year	29.372	
			Year^2		
Pa - Co	0.998	0.024	Constant	1012.532	0.004
			Year	-48.165	0.076
			Year^2	17.498	0.041
Pa - Pa			Constant	3292.261	
			Year	-26.891	
			Year^2		
Pa - AOI			Constant	7515.171	
			Year	300.693	
			Year^2		
Pa - WMS			Constant	4.117	
			Year	-0.465	
			Year^2		
Pa - Households			Constant	1792.101	
			Year	35.376	
			Year^2		
Pa – Other Final Demand	0.996	0.037	Constant	73181.997	0.012

			Year	7912.519	0.102
			Year^2	-369.786	0.381

Table S20. Regression model (extrapolation) for WMS-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
WMS - Ag			Constant	4.896	
			Year	-0.772	
			Year^2		
WMS - Mi			Constant	28.297	
			Year	5.313	
			Year^2		
WMS - Ma	0.844	0.054	Constant	94.072	0.004
			Year	9.084	0.054
			Year^2		
WMS - EGW			Constant	35.922	
			Year	4.259	
			Year^2		
WMS - Co			Constant	970.212	
			Year	267.222	
			Year^2		
WMS - Pa			Constant	14.178	
			Year	4.081	
			Year^2		
WMS - AOI			Constant	300.560	
			Year	4.786	
			Year^2		
WMS - WMS			Constant	-0.010	
			Year	0.005	
			Year^2		
WMS - Households			Constant	127.543	
			Year	130.998	
			Year^2		
WMS – Other Final Demand			Constant	588.144	

			Year	-32.792	
			Year^2		

Table S21. Regression model (extrapolation) for Primary input-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	<i>p</i> -value
Primary input - Households	0.992	0.051	Constant	100198.483	0.008
			Year	8111.569	0.086
			Year^2	-873.061	0.156
Primary input – Other Final Demand			Constant	78190.893	
			Year	91.497	
			Year^2		

Table S22. Regression model (extrapolation) for AOI-to-industry sectors, coefficients (n = 4).

Dependent Variable	Adjusted R Square	Significance F	Independent Variables	Coefficient	p-value
AOI - Ag			Constant	17723.068	
			Year	-1268.647	
			Year^2		
AOI - Mi			Constant	29680.802	
			Year	-1497.317	
			Year^2		
AOI - Ma			Constant	72542.216	
			Year	-698.759	
			Year^2		
AOI - EGW			Constant	3664.438	
			Year	1019.527	
			Year^2		
AOI - Co	0.913	0.030	Constant	52257.256	0.002
			Year	4890.560	0.030
			Year^2		
AOI - Pa	1.000	0.007	Constant	18733.082	0.004
			Year	5087.467	0.013
			Year^2	-470.574	0.028
AOI - AOI			Constant	382014.836	
			Year	5658.262	
			Year^2		
AOI - WMS			Constant	540.450	
			Year	-37.633	
			Year^2		
AOI - Households	0.968	0.011	Constant	393410.216	0.000
			Year	26037.976	0.011
			Year^2		

AOI – Other Final Demand	1.000	0.004	Constant	202041.684	0.001
			Year	19579.869	0.008
			Year^2	-1803.408	0.018