

Dario Chiaiese

APPENDIX E. THE VA1 METHOD: ANALYSIS AND COMPARISON WITH VA2. Provincial estimates of the Italian value-added in the Liberal Age, 1871-1911

(doi: 10.1410/113319)

Rivista di storia economica (ISSN 0393-3415)

Fascicolo 1, aprile 2024

Ente di afferenza:

()

Copyright © by Società editrice il Mulino, Bologna. Tutti i diritti sono riservati.

Per altre informazioni si veda <https://www.rivisteweb.it>

Licenza d'uso

Questo articolo è reso disponibile con licenza CC BY NC ND. Per altre informazioni si veda <https://www.rivisteweb.it/>

**RIVISTA
DI STORIA
ECONOMICA**

Italian Review of Economic History

Vol. XL

1/2024 April

APPENDIX E. THE VA1 METHOD: ANALYSIS AND COMPARISON WITH VA2

Provincial estimates of the Italian value-added
in the Liberal Age, 1871-1911

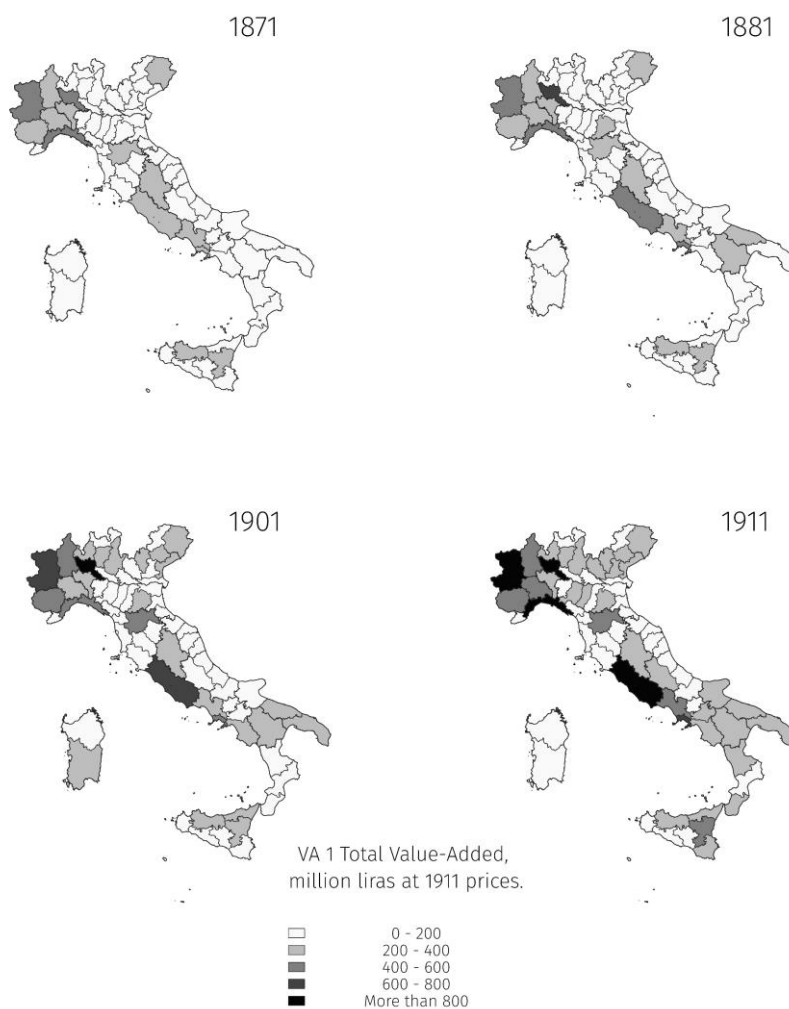
DARIO CHIAIESE

APPENDIX E. THE VA1 METHOD: ANALYSIS AND COMPARISON WITH VA2

This appendix contains all the value-added figures calculated using the VA1 method. Table E displays the provincial VA1 in four forms: the total value-added, the per capita value-added and the value-added for industry and agriculture. It is not possible to use VA1 to calculate the value-added in services because, as said in the text, collecting a sample of wages for the services was impossible. As a result, to calculate total and per capita value-added, the VA2 for services was used.

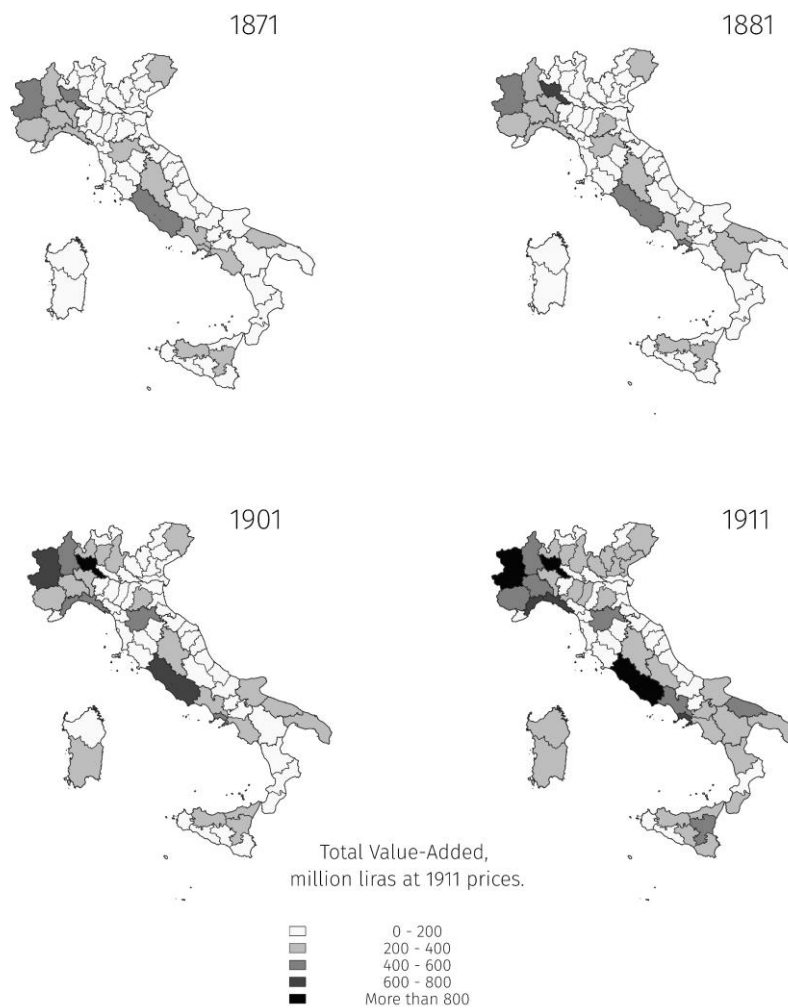
Figure E.1 and Figure E.2 compare VA1 and VA2 for the total value-added and the per capita value-added, respectively.

Figure E.1.1. Total value-added calculated using VA1, million liras at 1911 prices.



Source: author's own elaboration.

Figure E.1.2. Total value-added calculated using VA2, million liras at 1911 prices.

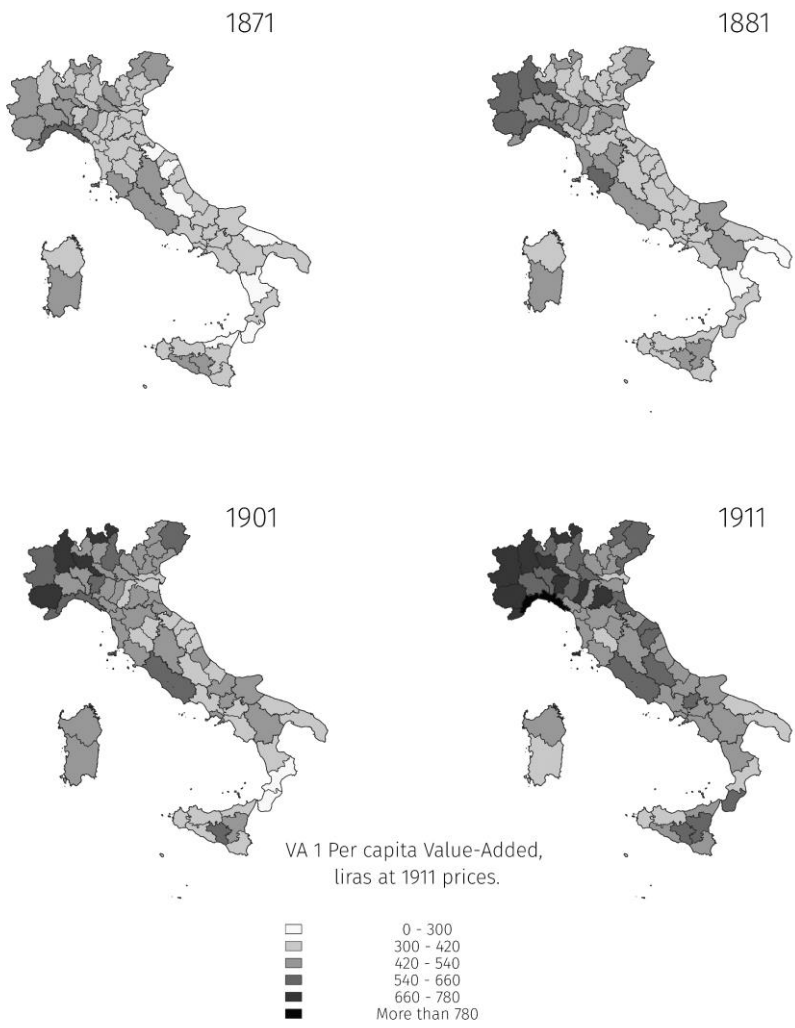


Source: author's own elaboration.

As shown in Figure 1.1 and Figure 1.2, the difference between the two methods in calculating the total value-added is not easily identified in the maps. However, some differences can be appreciated in the figures for a few sets of provinces. For instance, the VA1 method tends to increase the value-added of the provinces in the north-west. One of the main reasons for these differences is the important role played by agriculture. VA1 tends to increase the agricultural output of the northern provinces, due to the higher level of wages in this area. On the other hand, the regional productivity from Federico (2003) used in VA2 increases the agricultural output of Sicily, Apulia, Latium and Sardinia, which is the most evident case emerging from the two maps.

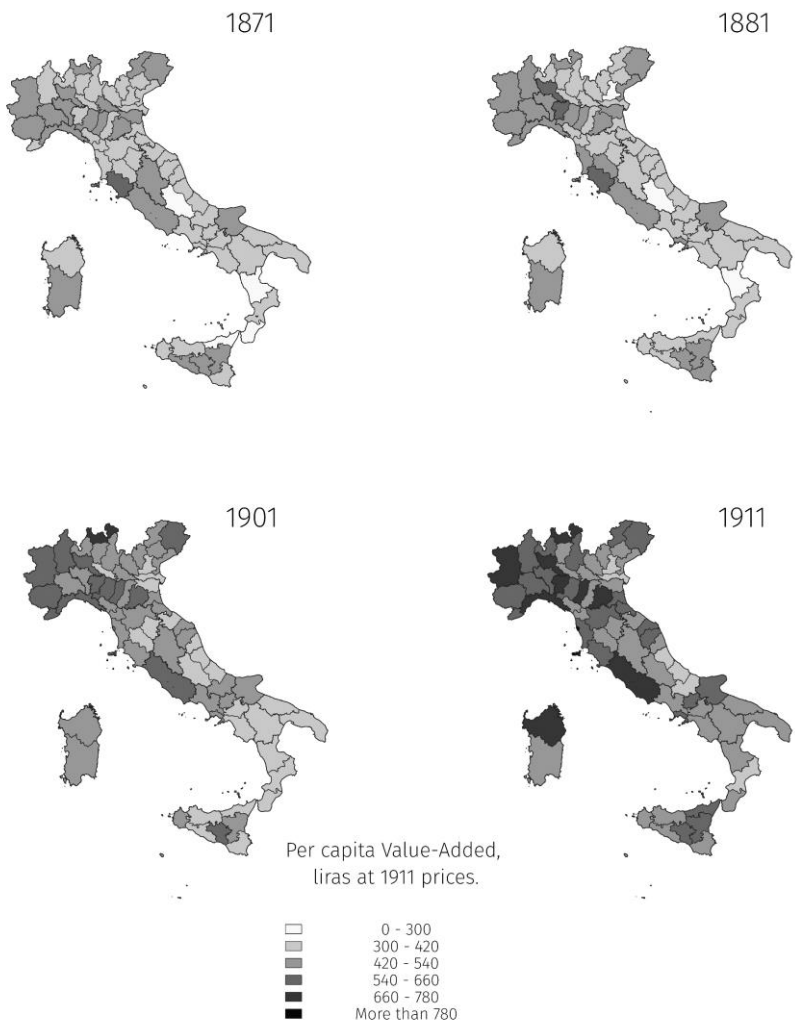
These differences are partly reflected in the comparison between Figure 2.1. and Figure 2.2, displaying the per capita value-added calculated using VA1 and VA2, respectively. The provinces in the north-west tend to have a slightly higher level of per capita value-added when VA1 is employed. This is particularly evident for the provinces of Piedmont. Again, Rome, Cagliari, the provinces in Apulia and Sicily, but also those of Emilia-Romagna (before 1911), have a lower per capita income when using VA1 rather than VA2 due to the lower agricultural output resulting from the first method and, in general, to the higher level of wages in the north-west.

Figure E.2.1. Per capita value-added calculated using VA1, liras at 1911 prices.



Source: author's own elaboration.

Figure E.2.2. Per capita value-added calculated using VA2, liras at 1911 prices.



Source: author's own elaboration.

Table E.1. *V_{A1} in agriculture and industry, total value-added and per capita value-added, 1871. Million liras at 1911 prices for the agricultural, industrial and total value-added. Liras at 1911 prices for the per capita value-added.*

Region	Province	1871			Total	Per capita
		Agriculture	Industry	Services		
Piedmont		744.72	204.35	394.10	1343.17	463.23
	<i>Alessandria</i>	181.61	33.48	90.75	305.84	447.55
	<i>Cuneo</i>	177.41	34.29	68.13	279.82	452.61
	<i>Novara</i>	134.52	46.40	73.99	254.90	407.86
	<i>Turin</i>	251.18	90.20	161.23	502.61	516.56
Liguria		221.86	82.03	179.16	483.05	572.46
	<i>Genoa</i>	183.31	76.72	160.12	420.15	586.19
	<i>Porto Maurizio</i>	38.55	5.31	19.04	62.90	495.04
Lombardy		716.42	295.88	515.29	1527.60	441.40
	<i>Bergamo</i>	73.38	24.61	47.58	145.58	395.42
	<i>Brescia</i>	85.78	29.89	70.49	186.16	408.23
	<i>Como</i>	84.07	50.62	50.35	185.04	387.41
	<i>Cremona</i>	45.19	17.91	42.69	105.78	351.92
	<i>Mantua</i>	58.73	24.28	41.71	124.72	431.63
	<i>Milan</i>	216.20	113.98	187.78	517.96	512.93
	<i>Pavia</i>	113.76	30.92	64.04	208.72	465.45
	<i>Sondrio</i>	39.31	3.66	10.67	53.63	482.13
Venetia		544.22	192.73	308.62	1045.57	395.63
	<i>Belluno</i>	54.74	12.43	13.99	81.15	462.99
	<i>Padua</i>	61.54	19.89	43.77	125.20	343.54
	<i>Rovigo</i>	33.23	12.07	19.89	65.20	324.63
	<i>Treviso</i>	66.37	18.45	34.44	119.26	338.30
	<i>Udine</i>	139.55	38.91	42.74	221.20	459.31
	<i>Venice</i>	45.06	30.85	63.18	139.10	412.10
	<i>Verona</i>	67.84	32.66	55.64	156.15	424.96
	<i>Vicenza</i>	75.88	27.47	34.95	138.31	380.85
Emilia		412.74	124.60	266.93	804.27	380.48
	<i>Bologna</i>	82.95	33.27	62.65	178.87	407.22
	<i>Ferrara</i>	41.00	13.93	27.71	82.64	383.71
	<i>Forlì</i>	44.08	10.17	26.92	81.17	346.76
	<i>Modena</i>	43.43	13.73	32.38	89.53	327.69
	<i>Parma</i>	67.39	16.93	35.59	119.92	453.57
	<i>Piacenza</i>	40.21	11.23	28.58	80.02	354.41
	<i>Ravenna</i>	39.59	12.21	27.17	78.97	357.15
	<i>Reggio Emilia</i>	54.09	13.12	25.94	93.15	387.12
Tuscany		393.74	139.77	296.66	830.18	387.48
	<i>Arezzo</i>	56.03	9.00	21.73	86.76	369.73
	<i>Florence</i>	121.92	57.23	126.11	305.27	398.09
	<i>Grosseto</i>	37.35	7.05	12.54	56.94	529.86
	<i>Leghorn</i>	6.47	15.38	37.17	59.01	496.75
	<i>Lucca</i>	53.76	16.71	29.65	100.12	357.05
	<i>Massa Carrara</i>	35.97	9.46	13.70	59.13	365.14

Region	Province	1871			Total	Per capita
		Agriculture	Industry	Services		
	<i>Pisa</i>	43.54	16.29	31.74	91.57	344.32
	<i>Siena</i>	38.72	8.64	24.02	71.38	345.74
Marches		150.98	40.28	93.95	285.21	311.56
	<i>Ancona</i>	40.96	14.84	31.87	87.66	334.14
	<i>Ascoli Piceno</i>	36.72	8.36	19.13	64.21	316.30
	<i>Macerata</i>	39.07	8.18	23.35	70.60	297.88
	<i>Pesaro e Urbino</i>	34.23	8.90	19.61	62.74	294.47
Umbria		185.64	32.13	54.20	271.98	523.43
	<i>Perugia</i>	185.64	32.13	54.20	271.98	523.43
Latium		161.51	59.47	171.67	392.65	469.29
	<i>Rome</i>	161.51	59.47	171.67	392.65	469.29
Abruzzi		297.50	49.39	100.90	447.79	349.02
	<i>Aquila</i>	56.64	11.32	26.37	94.33	283.46
	<i>Campobasso</i>	89.72	13.71	25.13	128.56	352.98
	<i>Chieti</i>	80.72	15.05	28.72	124.49	366.18
	<i>Teramo</i>	70.42	9.30	20.68	100.41	408.15
Campania		389.83	149.02	415.15	954.00	346.33
	<i>Avellino</i>	87.94	15.41	31.56	134.91	359.11
	<i>Benevento</i>	47.55	10.53	20.89	78.96	340.35
	<i>Caserta</i>	99.14	26.49	91.00	216.62	310.61
	<i>Naples</i>	44.36	67.44	213.22	325.02	358.05
	<i>Salerno</i>	110.85	29.15	58.48	198.48	366.38
Apulia		232.62	73.48	147.44	453.55	319.20
	<i>Bari</i>	80.71	27.12	62.68	170.51	282.05
	<i>Foggia</i>	74.57	23.14	35.11	132.82	411.53
	<i>Lecce</i>	77.34	23.23	49.64	150.21	304.33
Basilicata		116.46	26.64	41.41	184.51	361.40
	<i>Potenza</i>	116.46	26.64	41.41	184.51	361.40
Calabria		188.36	54.45	104.50	347.31	287.91
	<i>Catanzaro</i>	69.48	19.72	36.36	125.56	304.60
	<i>Cosenza</i>	72.19	16.34	36.60	125.14	284.11
	<i>Reggio Calabria</i>	46.69	18.38	31.53	96.61	273.20
Sicily		461.26	224.78	289.76	975.79	377.61
	<i>Caltanissetta</i>	49.30	27.43	21.10	97.83	425.22
	<i>Catania</i>	104.95	49.65	52.77	207.37	418.58
	<i>Girgenti</i>	64.44	40.56	28.29	133.29	461.19
	<i>Messina</i>	49.85	18.58	45.93	114.36	271.86
	<i>Palermo</i>	80.13	49.75	87.45	217.33	351.85
	<i>Syracuse</i>	60.65	20.38	31.45	112.48	381.43
	<i>Trapani</i>	51.95	18.42	22.77	93.13	393.99
Sardinia		179.13	44.97	57.27	281.38	441.96
	<i>Cagliari</i>	128.74	34.46	36.12	199.33	506.92
	<i>Sassari</i>	50.39	10.51	21.15	82.05	337.04
ITALY	-	5397	1794	3437	10628	397.00

Table E.2. *VAI in agriculture and industry, total value-added and per capita value-added, 1881. Million liras at 1911 prices for the agricultural, industrial and total value-added. Liras at 1911 prices for the per capita value-added.*

Region	Province	1881				
		Agriculture	Industry	Services	Total	Per capita
Piedmont		925.98	276.88	442.90	1645.76	536.04
	<i>Alessandria</i>	222.18	39.92	96.03	358.13	490.78
	<i>Cuneo</i>	225.35	39.14	79.89	344.37	541.98
	<i>Novara</i>	215.44	78.18	83.04	376.66	557.25
	<i>Turin</i>	263.01	119.64	183.95	566.60	550.52
Liguria		195.76	94.77	197.35	487.88	546.72
	<i>Genoa</i>	159.32	88.35	175.33	423.00	556.49
	<i>Porto Maurizio</i>	36.44	6.42	22.02	64.88	490.56
Lombardy		800.60	345.25	592.63	1738.48	472.33
	<i>Bergamo</i>	66.77	26.23	54.56	147.56	377.60
	<i>Brescia</i>	86.05	31.90	79.51	197.46	418.72
	<i>Como</i>	83.59	48.62	63.24	195.46	379.49
	<i>Cremona</i>	42.15	16.23	42.77	101.15	334.77
	<i>Mantua</i>	59.02	20.09	45.79	124.89	422.30
	<i>Milan</i>	312.92	167.81	222.55	703.27	630.74
	<i>Pavia</i>	113.01	30.10	71.25	214.36	456.24
	<i>Sondrio</i>	37.11	4.28	12.95	54.34	450.84
Venetia		522.31	194.73	338.09	1055.14	374.94
	<i>Belluno</i>	38.56	12.93	15.42	66.91	384.21
	<i>Padua</i>	55.72	16.46	48.61	120.79	303.67
	<i>Rovigo</i>	42.89	12.84	22.25	77.98	358.20
	<i>Treviso</i>	67.67	15.99	39.16	122.82	326.90
	<i>Udine</i>	131.04	41.85	47.75	220.65	439.76
	<i>Venice</i>	52.87	35.60	64.34	152.81	428.39
	<i>Verona</i>	64.41	28.69	59.95	153.05	388.40
	<i>Vicenza</i>	69.16	30.36	40.62	140.14	353.56
Emilia		473.61	137.61	289.90	901.12	412.72
	<i>Bologna</i>	103.10	38.62	67.43	209.15	457.19
	<i>Ferrara</i>	52.60	15.39	29.44	97.44	422.15
	<i>Forlì</i>	41.17	11.08	31.78	84.03	334.64
	<i>Modena</i>	45.94	13.59	36.09	95.62	342.40
	<i>Parma</i>	64.95	16.86	37.12	118.92	444.89
	<i>Piacenza</i>	68.56	15.89	31.80	116.25	512.74
	<i>Ravenna</i>	36.25	11.33	28.95	76.54	339.01
	<i>Reggio Emilia</i>	61.05	14.84	27.29	103.18	421.21
Tuscany		494.63	177.57	304.83	977.02	442.32
	<i>Arezzo</i>	67.16	11.69	24.69	103.54	433.71
	<i>Florence</i>	134.30	67.94	122.45	324.69	410.60
	<i>Grosseto</i>	42.97	9.54	14.27	66.79	584.33
	<i>Leghorn</i>	7.12	17.50	35.89	60.51	497.58
	<i>Lucca</i>	63.17	19.43	30.10	112.70	396.16
	<i>Massa Carrara</i>	33.97	12.23	15.77	61.97	365.67

Region	Province	1881				
		Agriculture	Industry	Services	Total	Per capita
	<i>Pisa</i>	83.62	26.40	35.49	145.51	513.14
	<i>Siena</i>	62.32	12.84	26.15	101.31	491.97
Marches		158.40	43.35	99.05	300.79	320.24
	<i>Ancona</i>	42.30	15.69	34.03	92.02	344.22
	<i>Ascoli Piceno</i>	36.67	8.81	19.65	65.13	311.33
	<i>Macerata</i>	42.96	8.76	22.56	74.28	309.86
	<i>Pesaro e Urbino</i>	36.46	10.09	22.81	69.37	311.01
Umbria		121.66	25.06	57.85	204.58	357.62
	<i>Perugia</i>	121.66	25.06	57.85	204.58	357.62
Latium		128.53	60.42	220.25	409.20	452.92
	<i>Rome</i>	128.53	60.42	220.25	409.20	452.92
Abruzzi		312.40	60.23	119.41	492.04	373.55
	<i>Aquila</i>	65.12	14.95	32.39	112.46	318.55
	<i>Campobasso</i>	104.14	17.79	31.18	153.11	418.97
	<i>Chieti</i>	75.35	16.33	32.70	124.38	361.62
	<i>Teramo</i>	67.80	11.17	23.14	102.10	400.71
Campania		388.87	204.51	466.32	1059.69	365.84
	<i>Avellino</i>	70.32	17.60	39.21	127.13	323.81
	<i>Benevento</i>	42.24	9.25	25.80	77.29	324.17
	<i>Caserta</i>	125.42	36.23	96.76	258.41	361.85
	<i>Naples</i>	62.00	109.74	237.32	409.06	408.55
	<i>Salerno</i>	88.90	31.68	67.22	187.80	341.35
Apulia		253.55	80.40	188.11	522.05	328.53
	<i>Bari</i>	95.41	33.17	81.16	209.73	308.65
	<i>Foggia</i>	78.84	25.22	46.12	150.19	421.56
	<i>Lecce</i>	79.30	22.01	60.83	162.14	293.04
Basilicata		159.73	32.43	45.91	238.07	453.89
	<i>Potenza</i>	159.73	32.43	45.91	238.07	453.89
Calabria		194.76	58.76	117.57	371.09	295.01
	<i>Catanzaro</i>	73.81	22.36	39.87	136.04	313.47
	<i>Cosenza</i>	64.04	16.23	39.52	119.79	265.51
	<i>Reggio Calabria</i>	56.90	20.17	38.19	115.26	309.24
Sicily		580.44	296.08	339.57	1216.09	415.34
	<i>Caltanissetta</i>	64.30	44.64	26.95	135.88	510.11
	<i>Catania</i>	129.41	67.30	63.98	260.68	462.65
	<i>Girgenti</i>	47.73	43.42	33.62	124.78	399.31
	<i>Messina</i>	83.13	31.11	55.05	169.28	367.27
	<i>Palermo</i>	120.36	54.84	95.34	270.54	386.95
	<i>Syracuse</i>	76.30	31.64	35.25	143.20	419.30
	<i>Trapani</i>	59.20	23.13	29.38	111.71	393.39
Sardinia		140.78	53.95	68.27	263.00	385.63
	<i>Cagliari</i>	93.72	44.17	43.30	181.19	430.76
	<i>Sassari</i>	47.06	9.78	24.97	81.81	312.99
ITALY	-	5852	2142	3888	11882	417.50

Table E.3. *VAI in agriculture and industry, total value-added and per capita value-added, 1901. Million liras at 1911 prices for the agricultural, industrial and total value-added. Liras at 1911 prices for the per capita value-added.*

Region	Province	1901				
		Agriculture	Industry	Services	Total	Per capita
Piedmont		1002.41	420.59	560.41	1983.41	597.88
	<i>Alessandria</i>	225.71	52.62	118.61	396.94	488.94
	<i>Cuneo</i>	266.83	56.74	98.53	422.09	661.34
	<i>Novara</i>	263.86	138.20	106.69	508.74	684.61
	<i>Turin</i>	246.01	173.04	236.59	655.64	583.20
Liguria		181.35	175.99	316.31	673.65	625.22
	<i>Genoa</i>	137.62	163.58	280.82	582.03	622.74
	<i>Porto Maurizio</i>	43.73	12.41	35.48	91.63	641.43
Lombardy		963.62	649.54	771.73	2384.89	556.86
	<i>Bergamo</i>	88.23	53.11	66.25	207.59	451.68
	<i>Brescia</i>	139.63	59.22	92.44	291.28	540.99
	<i>Como</i>	106.00	92.91	84.60	283.51	488.64
	<i>Cremona</i>	60.74	25.50	55.43	141.67	432.12
	<i>Mantua</i>	74.56	26.07	50.71	151.33	485.13
	<i>Milan</i>	291.66	340.70	326.53	958.89	664.89
	<i>Pavia</i>	133.19	41.78	79.64	254.61	512.33
	<i>Sondrio</i>	69.61	10.26	16.14	96.01	764.59
Venetia		854.16	276.52	394.74	1525.42	486.66
	<i>Belluno</i>	52.67	17.66	20.24	90.57	469.74
	<i>Padua</i>	104.79	25.92	56.98	187.69	423.47
	<i>Rovigo</i>	51.24	12.17	24.98	88.39	398.31
	<i>Treviso</i>	134.67	29.44	44.20	208.31	505.29
	<i>Udine</i>	233.21	72.63	57.03	362.87	612.34
	<i>Venice</i>	80.13	45.46	76.05	201.65	502.56
	<i>Verona</i>	90.63	29.80	65.40	185.83	439.89
	<i>Vicenza</i>	106.83	43.43	49.86	200.12	446.69
Emilia		667.29	201.92	340.47	1209.69	494.75
	<i>Bologna</i>	143.17	55.67	83.37	282.21	535.14
	<i>Ferrara</i>	57.12	14.66	34.83	106.61	392.27
	<i>Forlì</i>	71.87	18.60	36.32	126.79	451.48
	<i>Modena</i>	69.00	22.07	41.14	132.22	418.67
	<i>Parma</i>	90.29	23.84	42.61	156.74	532.85
	<i>Piacenza</i>	89.98	22.91	34.72	147.61	602.17
	<i>Ravenna</i>	55.41	20.80	35.41	111.62	474.01
	<i>Reggio Emilia</i>	90.46	23.36	32.07	145.89	531.48
Tuscany		577.26	269.25	380.23	1226.74	481.24
	<i>Arezzo</i>	52.60	12.18	28.93	93.71	344.93
	<i>Florence</i>	209.50	115.45	160.42	485.36	516.86
	<i>Grosseto</i>	39.87	11.28	16.98	68.13	470.77
	<i>Leghorn</i>	8.41	25.32	39.65	73.39	592.43
	<i>Lucca</i>	81.29	32.88	38.40	152.57	477.50
	<i>Massa Carrara</i>	48.85	20.76	21.02	90.63	463.25

Region	Province	1901				Per capita
		Agriculture	Industry	Services	Total	
	<i>Pisa</i>	82.41	37.87	45.23	165.51	515.87
	<i>Siena</i>	54.33	13.52	29.60	97.45	416.75
Marches		201.03	47.61	116.04	364.67	343.79
	<i>Ancona</i>	53.42	20.17	41.15	114.74	379.73
	<i>Ascoli Piceno</i>	47.29	7.80	22.86	77.95	317.95
	<i>Macerata</i>	59.65	9.68	24.51	93.84	361.74
	<i>Pesaro e Urbino</i>	40.66	9.96	27.51	78.13	307.63
Umbria		179.67	44.59	67.56	291.81	437.36
	<i>Perugia</i>	179.67	44.59	67.56	291.81	437.36
Latium		218.22	101.74	327.40	647.37	540.86
	<i>Rome</i>	218.22	101.74	327.40	647.37	540.86
Abruzzi		397.24	77.30	135.43	609.97	423.14
	<i>Aquila</i>	95.63	22.01	40.19	157.83	397.93
	<i>Campobasso</i>	117.24	20.19	32.55	169.98	463.69
	<i>Chieti</i>	89.66	18.27	34.65	142.58	384.42
	<i>Teramo</i>	94.71	16.84	28.03	139.58	454.00
Campania		528.27	259.97	545.27	1333.51	421.94
	<i>Avellino</i>	91.03	18.06	41.76	150.84	374.84
	<i>Benevento</i>	88.96	15.72	25.56	130.24	507.75
	<i>Caserta</i>	165.88	48.59	113.25	327.73	417.29
	<i>Naples</i>	68.20	137.04	289.58	494.81	429.59
	<i>Salerno</i>	114.20	40.56	75.12	229.88	407.36
Apulia		347.91	101.34	248.53	697.77	356.07
	<i>Bari</i>	136.43	47.27	104.28	287.98	347.93
	<i>Foggia</i>	111.23	26.48	55.22	192.93	453.47
	<i>Lecce</i>	100.25	27.59	89.03	216.86	306.95
Basilicata		134.65	26.24	45.56	206.45	420.72
	<i>Potenza</i>	134.65	26.24	45.56	206.45	420.72
Calabria		234.27	55.38	135.71	425.36	310.43
	<i>Catanzaro</i>	66.60	23.88	47.44	137.92	289.61
	<i>Cosenza</i>	103.37	15.96	41.43	160.76	345.53
	<i>Reggio Calabria</i>	64.30	15.54	46.84	126.67	295.47
Sicily		679.25	332.66	456.32	1468.23	415.95
	<i>Caltanissetta</i>	88.45	69.97	33.29	191.71	584.51
	<i>Catania</i>	158.16	75.14	95.26	328.56	465.77
	<i>Girgenti</i>	58.42	42.10	41.95	142.47	383.35
	<i>Messina</i>	104.87	34.31	70.73	209.90	385.99
	<i>Palermo</i>	100.25	54.52	118.60	273.37	348.08
	<i>Syracuse</i>	87.00	27.73	53.90	168.63	394.45
	<i>Trapani</i>	82.10	28.89	42.60	153.59	417.26
Sardinia		207.40	61.36	91.30	360.06	454.76
	<i>Cagliari</i>	109.30	42.54	53.29	205.13	424.21
	<i>Sassari</i>	98.10	18.82	38.01	154.93	502.68
ITALY	-	7374	3102	4933	15409	474.48

Table E.4. *V_{A1} in agriculture and industry, total value-added and per capita value-added, 1911. Million liras at 1911 prices for the agricultural, industrial and total value-added. Liras at 1911 prices for the per capita value-added.*

Region	Province	1911			Total	Per capita
		Agriculture	Industry	Services		
Piedmont		1111.78	676.20	723.29	2511.27	733.33
	<i>Alessandria</i>	279.27	96.82	148.10	524.19	649.00
	<i>Cuneo</i>	304.22	77.25	121.35	502.82	777.49
	<i>Novara</i>	260.36	173.29	142.71	576.35	762.05
	<i>Turin</i>	267.94	328.84	311.13	907.90	748.04
Liguria		219.44	269.11	434.70	923.24	771.15
	<i>Genoa</i>	179.69	253.76	390.13	823.57	784.32
	<i>Porto Maurizio</i>	39.75	15.35	44.57	99.67	677.20
Lombardy		967.01	1056.95	1065.10	3089.06	644.83
	<i>Bergamo</i>	76.49	87.92	93.52	257.92	504.50
	<i>Brescia</i>	137.79	88.45	132.00	358.25	600.67
	<i>Como</i>	99.52	140.47	120.20	360.19	584.52
	<i>Cremona</i>	68.82	39.78	70.36	178.96	513.14
	<i>Mantua</i>	87.57	35.67	65.88	189.12	541.82
	<i>Milan</i>	277.24	579.11	466.96	1323.30	766.44
	<i>Pavia</i>	160.04	72.77	95.83	328.64	641.46
	<i>Sondrio</i>	59.54	12.79	20.36	92.69	713.37
Venetia		849.89	456.61	547.89	1854.38	525.71
	<i>Belluno</i>	64.18	32.04	29.27	125.49	650.92
	<i>Padua</i>	102.75	48.97	77.04	228.76	440.48
	<i>Rovigo</i>	42.09	15.53	32.97	90.59	351.52
	<i>Treviso</i>	141.81	49.76	66.97	258.54	526.39
	<i>Udine</i>	190.60	98.50	83.53	372.63	593.29
	<i>Venice</i>	85.08	69.47	105.00	259.55	556.07
	<i>Verona</i>	103.17	65.77	86.04	254.98	536.74
	<i>Vicenza</i>	120.19	76.57	67.07	263.83	531.44
Emilia		810.54	385.54	454.09	1650.17	615.46
	<i>Bologna</i>	175.93	92.70	113.13	381.76	660.79
	<i>Ferrara</i>	73.94	35.79	49.25	158.98	516.31
	<i>Forlì</i>	87.66	43.53	48.86	180.05	597.37
	<i>Modena</i>	79.60	40.93	51.85	172.38	488.26
	<i>Parma</i>	102.28	47.04	56.58	205.90	631.28
	<i>Piacenza</i>	97.54	38.14	43.38	179.06	698.83
	<i>Ravenna</i>	62.15	39.89	47.26	149.30	601.15
	<i>Reggio Emilia</i>	131.45	47.52	43.76	222.74	717.72
Tuscany		509.44	391.62	489.24	1390.31	515.94
	<i>Arezzo</i>	68.61	24.09	35.73	128.43	452.76
	<i>Florence</i>	175.97	157.30	203.71	536.98	537.29
	<i>Grosseto</i>	38.99	15.55	21.55	76.09	518.93
	<i>Leghorn</i>	8.86	47.42	49.28	105.56	777.52
	<i>Lucca</i>	58.90	44.73	51.41	155.03	465.55
	<i>Massa Carrara</i>	41.70	33.76	29.00	104.47	491.78

Region	Province	1911				Per capita
		Agriculture	Industry	Services	Total	
	<i>Pisa</i>	72.60	51.42	58.58	182.60	533.54
	<i>Siena</i>	43.81	17.35	39.98	101.14	418.76
Marches		278.17	114.43	143.24	535.84	490.14
	<i>Ancona</i>	77.64	45.73	49.44	172.81	540.54
	<i>Ascoli Piceno</i>	59.13	21.52	30.15	110.80	436.86
	<i>Macerata</i>	84.74	27.38	29.53	141.65	548.21
	<i>Pesaro e Urbino</i>	56.66	19.79	34.12	110.57	422.81
Umbria		204.43	70.01	85.48	359.92	524.20
	<i>Perugia</i>	204.43	70.01	85.48	359.92	524.20
Latium		214.36	179.60	438.60	832.56	639.24
	<i>Rome</i>	214.36	179.60	438.60	832.56	639.24
Abruzzi		428.39	107.25	165.04	700.67	489.74
	<i>Aquila</i>	152.18	41.45	51.53	245.16	602.35
	<i>Campobasso</i>	94.37	20.08	39.77	154.22	441.12
	<i>Chieti</i>	93.35	23.72	40.51	157.57	429.82
	<i>Teramo</i>	88.49	22.01	33.22	143.72	467.40
Campania		622.51	401.45	699.70	1723.65	520.43
	<i>Avellino</i>	125.81	30.70	51.37	207.89	524.20
	<i>Benevento</i>	97.97	20.26	30.33	148.56	583.20
	<i>Caserta</i>	212.40	79.01	135.75	427.16	539.60
	<i>Naples</i>	83.13	222.30	390.12	695.56	530.64
	<i>Salerno</i>	103.19	49.18	92.13	244.50	437.94
Apulia		374.98	173.26	338.93	887.16	416.48
	<i>Bari</i>	145.06	78.08	145.08	368.22	412.97
	<i>Foggia</i>	107.04	36.13	72.85	216.02	462.54
	<i>Lecce</i>	122.87	59.05	121.00	302.93	392.65
Basilicata		128.42	31.89	53.22	213.53	450.47
	<i>Potenza</i>	128.42	31.89	53.22	213.53	450.47
Calabria		346.79	143.49	168.63	658.91	469.93
	<i>Catanzaro</i>	89.55	38.15	59.95	187.65	388.32
	<i>Cosenza</i>	132.03	42.03	52.72	226.78	478.44
	<i>Reggio Calabria</i>	125.21	63.31	55.96	244.48	549.50
Sicily		746.51	444.18	573.69	1764.38	480.46
	<i>Caltanissetta</i>	87.30	61.26	39.18	187.74	548.06
	<i>Catania</i>	194.73	128.00	136.42	459.14	581.82
	<i>Girgenti</i>	76.01	52.73	53.70	182.44	463.28
	<i>Messina</i>	123.92	60.23	79.79	263.95	510.29
	<i>Palermo</i>	103.31	71.15	150.36	324.82	408.25
	<i>Syracuse</i>	99.65	41.11	63.81	204.57	429.08
	<i>Trapani</i>	61.60	29.69	50.43	141.72	396.85
Sardinia		169.35	79.41	114.18	362.94	425.78
	<i>Cagliari</i>	82.36	51.36	66.06	199.78	384.04
	<i>Sassari</i>	86.99	28.05	48.12	163.16	491.14
ITALY	-	7982	4981	6495	19458	561.21

References

Federico, G. (2003), «Le Nuove Stime della Produzione Agricola Italiana, 1860-1910: Primi Risultati ed Implicazioni», *Rivista di storia economica*, 19(3), pp. 359-382.

Fenoaltea, S. (2020), *Reconstructing the Past. Revised estimates of Italy's product, 1861-1913*, Fondazione Luigi Einaudi, Torino.