

APÉNDICE 1

CUADRO A1-1

Evolución del transporte de ganado en Norte

Año	Peso medio de la cabaña ganadera (kg)					Número de cabezas transportadas en Norte					Peso de cabezas transportadas en Norte (miles de toneladas)								
	Asnal	Mular	Equino	Vacuno	Ovino	Caprino	Porcino	Total	cas y toros		terneras		Total	cas y toros		terneras			
									Equino	Bueyes, va-	Ovino	Cerdos y		Equino	Bueyes, va-	Ovino	Cerdos y	Total	Equino
1874	326	326	172	259	371	30	34	77	81	3.412	28.911	191.202	32.562	256.087	885	10.726	5.736	8.141	25.488
1875	326	326	172	259	371	30	34	77	81	4.179	39.002	272.341	42.286	357.808	1.084	14.470	8.171	10.572	34.296
1876	326	326	172	259	371	30	34	77	81	5.613	40.899	246.872	52.037	345.421	1.455	15.174	7.406	13.009	37.045
1877	326	326	172	259	371	30	34	77	81	6.261	37.357	262.883	49.907	356.408	1.623	13.860	7.887	12.477	35.847
1878	326	326	172	259	371	30	34	77	81	7.940	39.060	460.765	60.550	568.315	2.059	14.492	13.824	15.138	45.511
1879	326	326	172	259	371	30	34	77	81	8.649	36.440	363.509	74.738	483.336	2.243	13.520	10.906	18.685	45.352
1880	326	326	172	259	371	30	34	77	81	14.438	32.645	545.842	88.279	681.204	3.744	12.112	16.376	22.070	54.301
1881	326	326	172	259	371	30	34	77	81	17.110	33.588	693.329	98.594	842.621	4.436	12.461	20.801	24.649	62.347
1882	326	326	172	259	371	30	34	77	81	12.489	35.726	590.488	79.277	717.980	3.238	13.255	17.715	19.819	54.028
1883	326	326	172	259	371	30	34	77	81	14.922	32.549	552.827	107.881	708.179	3.869	12.076	16.586	26.970	59.501
1884	326	326	172	259	371	30	34	77	81	11.082	34.521	563.129	98.674	707.406	2.873	12.808	16.895	24.669	57.244
1885	326	326	172	259	371	30	34	77	81	10.810	23.047	505.441	70.148	609.446	2.803	8.551	15.164	17.537	44.054
1886	326	326	172	259	371	30	34	77	81	13.505	10.459	447.263	75.040	546.267	3.502	3.880	13.419	18.760	39.561
1887	326	326	172	259	371	30	34	77	81	14.073	14.980	471.901	89.193	590.147	3.649	5.558	14.158	22.298	45.663
1888	326	326	172	259	371	30	34	77	81	14.744	11.830	417.783	79.773	524.130	3.823	4.389	12.534	19.943	40.689
1889	326	326	172	259	371	30	34	77	81	11.601	9.567	365.644	82.271	469.083	3.008	3.549	10.970	20.568	38.095
1890	326	326	172	259	371	30	34	77	81	13.162	46.837	607.645	123.500	791.144	3.413	17.377	18.230	30.875	69.895
1891	326	326	172	266	371	30	34	77	90	18.834	54.462	476.109	148.741	698.146	5.000	20.207	14.284	37.185	76.676
1892	326	326	172	266	371	30	34	77	90	24.744	68.971	979.102	232.667	1.305.484	6.570	25.590	29.374	58.167	119.700
1893	326	326	172	266	371	30	34	77	90	18.105	75.229	940.543	217.360	1.251.237	4.807	27.912	28.217	54.340	115.276
1894	326	326	172	266	371	30	34	77	90	19.177	75.462	1.040.547	255.632	1.390.818	5.092	27.998	31.218	63.908	128.215
1895	326	326	172	266	371	30	34	77	90	19.613	60.041	885.141	246.461	1.211.256	5.207	22.277	26.555	61.615	115.654
1896	326	326	172	266	371	30	34	77	90	19.341	64.862	1.235.306	246.682	1.566.191	5.135	24.065	37.061	61.671	127.981
1897	326	326	172	266	371	30	34	77	90	21.531	74.324	946.517	262.255	1.304.627	5.717	27.576	28.397	65.564	127.253
1898	326	326	172	266	371	30	34	77	90	31.627	87.973	1.402.429	268.438	1.790.467	8.397	32.640	42.075	67.110	150.221
1899	326	326	172	266	371	30	34	77	90	30.753	79.298	1.363.303	293.323	1.766.677	8.165	29.421	40.901	73.331	151.818

El transporte ferroviario de ganado y el mercado entre 1848 y 1913

1900	326	326	172	266	371	30	34	77	90	29.356	69.694	1.572.227	249.219	1.920.496	7.794	25.858	47.169	62.305	143.125
1901	326	326	172	266	371	30	34	77	90	32.234	68.405	1.302.450	271.136	1.674.225	8.558	25.380	39.075	67.784	140.797
1902	326	326	172	266	371	30	34	77	90	32.723	66.935	1.454.160	308.035	1.861.853	8.688	24.834	43.627	77.009	154.158
1903	326	326	172	266	371	30	34	77	90	27.202	49.191	1.374.118	327.253	1.777.764	7.222	18.251	41.225	81.813	148.512
1904	326	326	172	266	371	30	34	77	90	28.816	50.034	1.463.678	292.296	1.834.824	7.651	18.564	43.912	73.074	143.200
1905	254	326	172	273	371	30	34	82	89	25.864	53.486	1.494.624	276.390	1.850.364	7.061	19.844	44.843	69.098	140.845
1906	326	326	172	268	371	30	34	77	93	30.391	53.611	1.316.454	285.954	1.686.410	8.154	19.889	39.496	71.489	139.028
1907	326	326	172	268	371	30	34	77	89	29.475	47.832	1.371.857	279.190	1.728.354	7.899	17.746	41.156	69.798	136.598
1908	326	326	172	267	371	30	34	77	85	31.265	53.856	1.455.098	284.692	1.824.911	8.353	19.981	43.656	71.173	143.163
1909	326	326	172	267	371	34	34	77	89	35.248	51.673	1.502.131	323.996	1.913.048	9.411	19.171	50.321	80.999	159.902
1910	326	326	172	267	371	37	34	77	92	37.619	55.500	1.532.861	383.124	2.009.113	10.053	20.594	56.124	95.781	182.552
1911	326	326	172	270	371	30	34	77	89	43.479	61.304	1.471.787	384.931	1.961.501	11.724	22.745	44.156	96.233	174.857
1912	326	326	172	270	371	30	34	77	89	42.016	61.580	1.755.633	409.027	2.268.256	11.347	22.847	52.669	102.257	189.120
1913	326	326	172	270	371	30	34	77	91	44.218	82.097	1.716.829	399.140	2.242.284	11.943	30.459	51.500	99.785	193.688
1914	326	326	172	271	371	30	34	77	90	47.717	92.369	1.692.783	371.048	2.203.917	12.923	34.268	50.779	92.762	190.732
1915	326	326	172	270	371	30	34	77	92	84.295	132.017	1.506.403	356.279	2.078.994	22.794	48.978	45.188	89.070	206.030
1916	326	326	172	268	371	30	34	77	93	87.994	130.598	1.527.496	363.495	2.109.583	23.609	48.456	45.828	90.874	208.767
1917	326	326	172	269	371	30	34	77	91	57.221	127.795	1.442.416	354.362	1.981.794	15.396	47.412	43.273	88.591	194.671
1918	326	326	172	271	371	30	34	77	91	56.848	178.855	856.934	294.522	1.387.159	15.380	66.355	25.706	73.631	181.071
1919	326	326	172	269	371	30	34	77	91	68.381	118.912	1.160.844	285.322	1.633.459	18.402	44.116	34.825	71.331	168.675
1920	326	326	172	268	371	30	34	77	90	62.744	134.562	1.056.752	281.724	1.535.782	16.796	49.921	31.701	70.431	168.850
1921	326	326	172	270	371	30	34	77	92	58.430	137.933	1.171.652	322.479	1.690.494	15.801	51.171	35.152	80.620	182.744
1922	326	326	172	271	371	30	34	79	92	59.288	137.716	1.204.167	343.336	1.744.507	16.067	51.093	36.125	85.834	189.119
1923	326	326	172	271	371	30	34	79	92	59.296	177.607	1.494.397	381.655	2.112.955	16.069	65.892	44.832	95.414	222.207
1924	326	326	172	271	371	30	34	79	92	65.351	198.562	1.883.184	389.675	2.536.772	17.710	73.667	56.496	97.419	245.291
1925	326	326	172	272	371	30	34	81	93	68.749	182.378	1.961.813	373.272	2.586.212	18.686	67.663	58.853	93.318	238.520
1926	326	326	172	271	371	30	34	80	92	64.755	154.076	1.843.661	445.074	2.507.566	17.549	57.162	55.310	111.269	241.289
1927	326	326	172	271	371	30	34	80	92	64.440	169.306	1.922.954	420.219	2.576.919	17.463	62.813	57.689	105.055	243.019
1928	326	326	172	271	371	30	34	80	92	59.952	194.645	1.902.045	391.609	2.548.251	16.247	72.213	57.061	97.902	243.424
1929	326	326	172	270	371	30	34	78	91	61.621	220.407	1.563.302	366.248	2.211.578	16.626	81.769	46.898	91.562	236.855
1930	326	326	172	270	371	30	34	78	91	62.139	213.539	1.526.249	353.272	2.155.199	16.778	79.223	45.787	88.318	230.106

Fuente: el peso en vivo procede de GEHR (1985: 160), que lo calcula a partir de los censos generales, y de Flores de Lemus (1926). Esto significa que el peso medio resultante es un valor constante; por ello se ha estimado el valor de los años sin datos (1864-1890, 1892-1904, 1907, 1909, 1919, 1922-1924 y 1926-1928) como el mismo que los otros años.

APÉNDICE 2

CUADRO A2-1

Evolución del transporte de ganado y de la cabaña ganadera (miles de toneladas)

Año	Compañías ferroviarias				Total	Cabaña ganadera
	Norte	MZA	MCPO	Andaluces		
1874	25.488	32.000			57.488	
1875	34.296	38.000			72.296	
1876	37.045	34.000			71.045	
1877	35.847	34.000			69.847	
1878	45.511	33.000			78.511	
1879	45.352	32.000			77.352	
1880	54.301	43.000			97.301	
1881	62.347	49.000			111.347	
1882	54.028	53.000			107.028	
1883	59.501	53.000			112.501	
1884	57.244	46.000			103.244	
1885	44.054	57.000			105.247	
1886	39.561	60.000			99.561	
1887	45.663	59.000			104.663	
1888	40.689	54.000			94.689	
1889	38.095	56.000			94.095	
1890	69.895	53.000			122.895	
1891	76.676	48.000			124.676	1.967.700
1892	119.700	63.000			182.700	
1893	115.276	58.000			173.276	
1894	128.215	56.000			184.215	
1895	115.654	53.000			168.654	
1896	127.931	62.000			189.931	
1897	127.253	54.000	14.466		195.719	
1898	150.221	59.900	22.203		232.324	
1899	151.818	61.700	21.397		234.915	
1900	143.125	64.000	22.252		229.377	
1901	140.797	89.800	25.378		255.975	
1902	154.158	102.090	29.096		285.332	
1903	148.512	114.840	30.291		293.643	
1904	143.200	112.600	30.682	5.499	291.981	
1905	140.845	139.270	34.622	3.958	318.695	1.902.700
1906	139.028	135.600	30.254	6.030	310.912	2.117.700