The last period includes the coinage during the Government of Maximilian.

The coinage of copper money amounts to $ 6.749,405 as follows:

In the colonial period	$ 542,893
Independence	6.206,512
	$ 6.749,405

The exportation of precious metals during the financial year of 1890–91, was as follows.

Silver ores	$ 8.874,457 24
Foreign gold coin	20,594 00
Mexican gold coin	134,219 00
Gold bullion	612,619 12
Foreign silver coin	229,806 85
Mexican silver coin	17.622,171 10
Silver mixed with gold	729,134 81
Silver bullion	6.751,219 07
Sulphurets of silver	1,280,768 97
Slag	1,382 00
	$ 36.256,372 16

XII

RAILROADS.

From data furnished by the Department of Communications and Public Works.

Amongst the important improvements which have been carried out in the Mexican Republic, Railroads have been considered as occupying the first place. Their initiation dates from the year 1837, when a concesion was granted to Don Francisco Arrillaga for the construction of a road which was to unite the Port of Veracruz with the Capital. The natural difficulties of this important work and the disturbed state of the country, prevented the immediate realization of this great undertaking, which was not finished until the first of January, 1873, when it was solemnly and officially opened to traffic.

MEXICAN RAILROAD.

[*Standard gauge, Steam traction*].

This road is of the greatest importance, not only on account of the engineering works that have been constructed, but also because it is the road that connects the capital with the first Port of the Country. The configuration of the country through which this railroad runs, presented very serious difficulties against its construction, but once that these were overcome, a line was located that offers to the traveller an opportunity of contemplating the most beautiful scenery of the country, and

a work of engineering skill well worthy of admiration. From whatever part of the Gulf or Pacific Coast a railroad is undertaken, an immense and difficult barrier is found, rendering the ascent to the elevated and extensive central tableland, one of the most difficult problems of engineering. From the Coast upwards, the country presents the most broken features, full of steep and elevated ridges with correspondingly deep vallies, which, although forming the most picturesque views, at the same time make the location of a railroad a work of the highest engineering science. Such a work is found in the Mexican Railroad, which in a few hours ascends from the sea beach to the heights of the Cordillera, ascending in that comparatively short distance, an altitude of 2,415 metres above the sea level.

The details of this important railroad, are as follows:

STATIONS.	DISTANCES. Partial.	Total.
Mexico, capital of the country, situated in the valley of the same name, in 19° 25′ 12″ N. Lat. and 99° 6′ 45″ Long. W. of Greenwich. It is the commercial and industrial centre of the Republic.		
Tepespan	32.500	32.500
San Juan Teotihuacan	11.250	43.750
Otumba	11.500	55.250
La Palma	6.000	61.250
Ometusco	6.250	67.500
Irolo	9.750	77.250
Apam	15.500	92.750
Soltepec	19.500	112.250
Guadalupe	11.750	124.000
Apizaco	15.250	139.250
Huamantla	25.500	164.750
San Marcos	17.250	182.000
Rinconada	18.000	200.000
San Andrés	20.500	220.500

STATIONS.	DISTANCES. Partial.	Total.
Esperanza	24.250	244.750
Maltrata	26.750	271.500
Nogales	12.250	283.750
Orizaba	8.000	291.750
Fortin	18.250	310.000
Cordoba	8.000	318.000
Atoyac	19.750	337.750
Paso del Macho	10.000	347.750
Camaron	12.750	360.500
Soledad	21.250	381.750
Purga	11.250	393.000
Tejería	15.250	408.250
Veracruz	15.500	423.750

PUEBLA BRANCH.

Standard Gauge. Steam traction.

Apizaco	,,	,,
Santa Cruz	10.750	10.750
Santa Ana	6.000	16.750
Panzacola	18.250	25.250
Puebla, capital of the State	12.000	47.000

PACHUCA BRANCH.

Standard Gauge. Steam traction.

Ometusco	,,	,,
Venta de Cruz	11.250	11.250
Zempoala	6.250	17.500
Sandoval	7.750	35.000
San José	11.000	36.250
Pachuca, capital of the State of Hidalgo	9.500	45.750

JALAPA BRANCH.

Standard Gauge. Mixed traction.

STATIONS.	DISTANCES. Partial.	Total.
Veracruz	,,	,,
Tejería	15.500	15.500
San Juan	11.000	26.500
Tierra Colorada	6.500	33.000
Paso de Ovejas	13.500	46.500
Puente Nacional	10.000	56.500
Rinconada	9.000	65.500
Plan del Rio	12.500	78.000
Cerro Gordo	11.000	89.000
Dos Rios	11.000	100.000
Jalapa, capital of the State of Veracruz	14.000	114.000

SANTA ANA TO TLAXCALA.

Broad Gauge. Animal traction.

Santa Ana, Station on Puebla Branch	,,	,,
San Pablo Apetatitlan	3.500	3.500
Tlaxcala, capital of the State	5.000	8.500

PUEBLA TO MATAMOROS.

Narrow Gauge. Steam traction.

Puebla to Los Arcos	7.919	7.919
Cholula	5.000	12.919
Santa María	8.900	21.819
San Agustin	18.100	39.919
Atlixco	5.850	45.769
San José Teruel	19.150	64.919
Tatetla	8.850	73.769
Izucar de Matamoros	10.543	84.312

MEXICAN SOUTHERN RAILROAD.

Narrow Gauge. Steam traction.

STATIONS.	DISTANCES. Partial.	Total.
Puebla to Amozoc	18.400	18.400
Santa Rosa	7.600	26.000
Tepeaca	11.200	37.200
Rosendo Márquez	17.400	54.600
Tecamachalco	10.500	65.100
Animas	12.600	77.700
Tlacotepec	9.400	87.100
Carnero	31.300	118.400
Tehuacan	8.900	127.300
Huerta	14.700	142.000
Santa Cruz	6.300	148.300
Pantzinco	10.900	159.200
Nopala	14.600	173.800
Venta Salada	6.400	180.200
San Antonio	15.200	195.400
Mexiá	8.700	204.100
Tecomavaca	20.300	224.400
Quiotepec	10.900	235.300
Cuicatlan	17.000	252.300
Tomillin	4.800	257.100
Oaxaca, capital of the State	9.900	267.000

PUEBLA INDUSTRIAL RAILROAD

Standard Gauge. Animal traction.

Puebla to Patriotismo Factory	5.800	5.800
Factory of Independencia y Economía	0.800	6.600
Factory of La Constancia	0.650	7.250
Cholula Branch starting from kilometre 4.		
Junction Bridge	4.000	4.000
Molino del Puente	0.500	4.500
Factory of Santa Cruz	1.500	6.000
Los Arcos	1.450	7.450

STATIONS.	DISTANCES. Partial.	Total.
Factory of La Providencia	3.550	11.000
Cholula	1.500	12.500

SAN MARCOS AND NAUTLA RAILROAD.

Narrow Gauge. Steam traction.

San Marcos, Station on the Mexican R. R.	,,	,,
Ojo de Agua	12.300	12.000
Vicencio	5.500	17.800
Dos Cerritos	6.100	23.900
Virreyes	6.700	30.000
Teoloyucan	4.700	35.300
Atenquique	4.700	40.700
Concepcion, Brach to Libres	8.000	48.000
Pochintoc	9.000	57.000
Huitzitzilapan	8.500	65.500

BRANCH TO SAN JUAN DE LOS LLANOS (VILLA DE LIBRES).

Concepcion to Villa de Libre	12.000	12.000

SAN ANDRES TO CHALHICOMULA.

Standard Gauge. Animal traction		10.353

ESPERANZA TO TEHUACAN.

Standard Gauge. Animal traction.

Esperanza, Station on the Mexican R. R.	,,	,,
Cañada de Morelos	17.000	17.000
Carmen	18.000	35.000
Miahuatlan	4.500	39.500
Tehuacan	10.000	10.500

ORIZABA TO THE INGENIO.

Standard Gauge. Animal traction.

Garita de Orizaba to the village of the Ingenio	7.550	7.550

CORDOBA TO TUXTEPEC.

Standard Gauge. Steam traction.

STATIONS.	DISTANCES. Partial.	Total.
Cordoba	,,	,,
Amatlan	4.300	4.300
Cuichapa	12.700	17.000
Ojos de Agua	14.450	31.450
Motzorongo	9.950	41.400
Kilometre 51	9.600	51.000

VERACRUZ TO ALVARADO.

Veracruz to Medellin. [Standard Gauge. Steam].	15.410	15.410
Port of Alvarado. [Narrow Gauge. Steam]	55.000	70.410

VERACRUZ TO BOCA DEL RIO.

Narrow Gauge. Steam traction	8.000	8.000

INTEROCEANIC RAILROAD.

First line.

MEXICO TO JOJUTLA.

Narrow Gauge. Steam traction.

Mexico	,,	,,
Reyes	17.495	17.495
Ayotla	7.005	24.500
Compañía	9.500	34.000
Tenango	12.750	46.750
Amecameca	10.500	57.250
Ozumba	12.250	69.500
Nepantla	23.000	92,500
Yecapixtla	26.800	119.300
Cuautla Morelos	16.700	136.000
Calderon	8.000	144.000
Yautepec	14.100	158.000

STATIONS.	DISTANCES. Parcial.	Total.
Ticuman	18.000	176.000
Tlaltizapan	9.000	185.000
Tlalquitenango	8.000	193.100
Jojutla	2.400	195.500

Second line.

MEXICO TO VERACRUZ.

Narrow Gauge.

Mexico	,,	,,
Los Reyes	17.495	17.495
San Vicente	9.353	26.848
Texcoco	11.452	38.300
Escudero	11.536	49.836
Metepec	11.334	61.170
Otumba	8.339	69.509
Soapayuca	4.724	74.233
Irolo	15.617	89.850
San Lorenzo	9.648	99.498
Calpulalpam	9.302	108.800
Mazapa	9.264	118.064
Nanacamilpa	14.011	132.075
Lagunilla	15.523	147.598
Atotonilco	8.736	156.334
San Martin	12.721	169.055
Analco	15.231	184.286
Los Arcos	15.586	199.872
Puebla	7.919	207.791
Amozoc	19.391	227.182
Acajete	11.344	238.526
La Venta	10.357	248.883
San Marcos	14.014	262.897
Ojo de Agua	11.303	274.200
Virreyes	17.064	291.264

STATIONS.	DISTANCES. Partial.	Total.
Tepeyahualco	17.041	308.305
Perote	29.467	337.772
Las Vigas	20.827	358.599
Cruz Verde	16.569	375.168
San Miguel	14.870	390.038
Banderilla	14.227	404.265
Jalapa	10.510	414.775
Veracruz	131.827	546.602
Branch to Libres.		
Virreyes	,,	,,
Villa de Libres	11.000	11.000
Branch to San Nicolás	24.000	14.000
Branch from Jalapa to Coatepec	4.000	4.000
Branch to Custom House	4.570	4.570

CHALCO TO AMECAMECA.

Narrow Gauge. Animal traction.

Chalco	,,	,,
Estacion de la Compañía	2.000	2.000
Factory of Miraflores	3.000	5.000
Tlalmanalco	7.000	12.000
San Juan	7.000	19.000
Zavaleta	1.000	20.000
Santo Tomas	2.000	22.000
San Antonio	2.000	24.000
Amecameca	2.680	26.680

YUCATAN RAILROADS.

MERIDA TO PROGRESO.

Standard Gauge. Steam traction.

Merida	,,	,,
San Ignacio	22.000	22.000
Progreso	14.456	36.456

MERIDA TO PETO.

Narrow Gauge. Steam traction.

STATIONS.	DISTANCES. Partial.	Total.
Merida	,,	,,
Kanasin	8.000	8.000
Acanceh	17.000	25.000
Tecoh	8.000	33.000
Lepan	5.000	38.000
Xcanchakan	9.000	47.000
Hunabchen	11.000	58.000
Ticul	17.000	75.000
Oxcutzcab	15.000	90.000
Akil	9.000	99.000

MERIDA TO VALLADOLID.

Narrow Gauge. Steam traction.

Merida	,,	,,
Cholul	11.000	11.000
Conkal	4.000	15.000
Tixkokob	16.000	31.000
Motul	14.000	45.000
Cansahcab	22.000	67.000
Four kilometres more	71.000	71.000

PROGRESO BRANCH.

Narrow Gauge. Steam traction.

Conkal	,,	,,
Chicxulub	7.688	7.688
Progreso	23.000	30.688

MERIDA TO CAMPECHE.

Narrow Gauge. Steam traction.

Merida	,,	,,
Uman	16.000	16.000
Chocholá	18.000	34.000

STATIONS.	DISTANCES. Partial.	Total.
San Bernardo	16.000	50.000
To Maxcanú	9.152	59.152

BRANCH TO HUNUCMA.

Narrow Gauge.

Uman to Hunucmá	11.000	11.000

HECELCHACAN TO CAMPECHE.

Narrow Gauge.

Calkiní	53.000	53.000

PROLONGATION FROM CAMPECHE TO LERMA.

Narrow Gauge. Stram traction.

	6.000	6.000

MERIDA TO IZAMAL.

Narrow Gauge. Steam traction.

Merida	,,	,,
Tixpehual	19.178	19.178
Tixkokob	5.300	24.478
Euan	5.522	30.000
Cacalchen	11.840	41.840
Tekantó	13,160	55.000
Izamal	11.848	66.848

TABASCO RAILROADS.

Narrow Gauge. Animal traction.

San Juan Bautista to Tamulté	5.750	5.750
Cárdenas to Rio Grijalva	7.500	7.500
Tonalá [Chiapas] to Tuxtla and Frontera (Tabasco). Standard Gauge. Steam traction	50,000	5.0000

RAILROAD FROM TECOLUTLA TO EL ESPINAL

Narrow Gauge.

STATIONS.	DISTANCES. Partial.	Total.
		9.000

TEHUANTEPEC NATIONAL RAILROAD.

Standard Gauge Steam traction.

Northern Section	98.000	98.000
Southern Section	76.000	76.000

HIDALGO RAILROAD.

Narrow Gauge. Steam traction

IROLO TO PACHUCA

Irolo, Station on the Mexican R. R.	„	„
Tlanalapa	13.700	13.700
San Agustin	14.600	28.300
Tepa	6.000	34.300
Xochihuacan	8.700	43.000
Pachuca	17.300	60.300

TEPA TO TULANCINGO.

Tepa	„	„
Somoriel	20.100	20.100
Kilometre 38	17.900	38.000

TEOLOYUCAN TO SAN AGUSTIN.

Teoloyucan, Station on the Central and National Railroads	„	„
Zumpango	11.000	11.000
Tizayuca	15.000	26.000
Tezontepec	16.000	42.000
San Agustin, Station on the Irolo Branch	12.000	54.000

RAILROAD FROM TULA TO ZACUALTIPAN AND TAMPICO.

Standard Gauge. Steam traction.

STATIONS.	DISTANCES. Partial.	Total.
Tula to Pachuca	70.000	70.000

PACHUCA TO TAMPICO.

Standard Gauge.

Isolated Section	10.000	10.000

MEXICAN CENTRAL RAILROAD.

Broad Gauge. Steam traction.

This important means of communication between Mexico and the United States, was inaugurated in April 1884. Within the Mexican Republic, it traverses the Federal District, the States of Mexico, Hidalgo, Queretaro, Guanajuato, Jalisco, Aguascalientes, Zacatecas, Coahuila, Durango and Chihuahua and affords an outlet to such manufacturing cities as Queretaro, Celaya and Leon; to the Agricultural centres such as San Juan del Rio, the extensive territory called El Bajio, and Lagos; to rich mining districts such as Guanajuato, Zacatecas, Pachuca and Chihuahua; to the cotton country in the Valley of the Nazas and the Conchos; and to the commercial centres of Mexico, Guadalajara, Aguascalientes and San Luis Potosí.

The trunk line and branches forming part of this great system, measure 2,933 kilometres, 253 metres, as follows:

MEXICO TO PASO DEL NORTE.

STATIONS.	DISTANCES. Partial.	Total.
Mexico	„	„
Tlalnepantla	11.700	11.700
Barrientos	5.900	17.600
Lechería	3.300	20.900
Cuautitlan	6.800	27.700

STATIONS.	DISTANCES. Partial.	Total.
Teoloyucan	8.300	36.000
Huehuetoca	10.500	46.500
Nochistongo	6.000	52.500
El Salto	9.900	62.400
Tula	17.600	80.000
San Antonio	13.500	93.500
Prieto	14.700	108.200
Leña	9.600	117.800
Marques	3.800	121.600
Nopala	8.300	129.900
Dañú	8.000	137.900
Polotitlan	14.000	151.900
Cazadero	9.200	161.100
Palmillas	10.900	172.000
San Juan del Rio	18.600	190.600
Chintepec	13.300	203.900
Ahorcado	12.200	216.100
Hércules	24.400	240.500
Querétaro	5.000	245.500
Mariscala	18.500	264.000
Apaseo	14.500	278.500
Celaya	13.000	291.500
Guaje	18.200	309.700
Sarabia	8.300	318.000
Salamanca	14.500	332.500
Chico	11.100	343.600
Irapuato	9.200	352.800
Villalobos	16.600	369.400
Silao	13.200	382.600
Trinidad	19.000	401.600
Leon	14.200	415.800
Francisco	16.400	432.200
Pedrito	15.400	447.600
Loma	13.700	461.300
Lagos	13.600	474.900
Serrano	17.600	492.500

STATIONS.	DISTANCES. Partial.	Total.
Los Salas	3.300	495.800
Santa Barbara	14.500	510.300
Santa María	10.200	520.500
Encarnacion	16.700	537.200
Peñuelas	26.400	563.600
Aguascalientes	21.500	585.100
Las Animas	22.900	608.000
Pabellon	7.200	615.200
Rincon de Romos	8.500	623.700
Soledad	20.500	644.200
Tlacotes	21.100	665.300
Trancoso	15.400	680.700
Guadalupe	15.300	696.000
Zacatecas	9.900	705.900
Pimienta	13.500	719.400
Calera	16.100	735.500
Ojuelos	13.700	749.200
Fresnillo	14.300	763.500
Mendoza	15.500	779.000
Gutiérrez	15.000	974.000
Cañitas	22.100	816.100
Cedro	13.500	829.600
La Colorada	20.700	850.300
Pacheco	25.800	876.100
Guzman	19.000	895.100
González	19.700	914.800
Camacho	21.400	936.200
San Isidro	21.900	958.100
Symon	23.200	981.300
La Mancha	24.000	1,005.300
Calvo	21.000	1,026.300
Peralta	23.900	1,050.200
Jimulco	15.500	1,065.700
Jalisco	14.400	1,080.100
Picardías	14.300	1,094.400
Matamoros	25,200	1,119.600

STATIONS.	DISTANCES. Partial.	Total.
Torreon	16.400	1,136.000
Lerdo	5.200	1,141.200
Noé	17.700	1,158.900
Mapimí	20.000	1,178.900
Peronal	24.000	1,202.900
Conejos	22.200	1,225.100
Yermo	23.700	1,247.800
Saez	18.900	1,266.700
Zavalza	18.500	1,285.200
Escalon	14.600	1,299.800
Rellano	18.000	1,317.800
Corralitos	21.400	1,339.200
Dolores	19.400	1,358.600
Jiménez	14.700	1,373.300
La Reforma	19.100	1,392.400
Diaz	18.800	1,411.200
Bustamante	19.200	1,430.400
Santa Rosalía	15.700	1,446.100
La Cruz	16.000	1,462.100
Concho	20.400	1,482.500
Saucillo	15.600	1,498.100
Las Delicias	16.100	1,514.200
Ortiz	7.300	1,521.500
Bachimba	24.300	1,545.800
Horcasitas	17.400	1,563.200
Mapula	22.400	1,585.600
Chihuahua	22.900	1,608.500
Sacramento	23.100	1,631,600
Terrazas	15.100	1,646.700
Sauz	11.600	1,658.300
Encinillas	19.900	1,678.200
Agua Nueva	13.900	1,692.100
Laguna	13.400	1,705.500
Puerto	20.400	1,725.900
Gallego	20.200	1,746.100
Chivatito	29.000	1,775.100

STATIONS.	DISTANCES. Partial	Total.
Las Minas	13.100	1,803.600
Ojo Caliente	13.500	1,817.100
Cármen	11.300	1,828.400
San José	22.800	1,851.200
Ranchería	24.100	1,875.300
Los Médanos	28.700	1,904.000
Samalayuca	18.200	1,922.200
Tierra Blanca	16.100	1,938.300
Mesa	14.400	1,952.700
Paso del Norte [Ciudad Juárez]	17.600	1,970.300
GUANAJUATO BRANCH.		
Silao	„	„
Marfil	18.373	18.373
Guanajuato	5.000	23.373
AGUASCALIENTES TO TAMPICO		
Aguascalientes	„	„
Chicalote	14.300	14.300
Cañada	6.200	20.500
Gallardo	10.500	31.000
El Tule	4.600	35.600
San Gil	15.200	50.800
San Márcos	8.200	59.000
García	11.000	70.000
La Honda	12.800	82.800
Peñon Blanco	11.000	93.800
Salinas	16.100	109.900
Espíritu Santo	27.200	137.100
Tolosa	15.800	152.900
Solana	9.500	162.400
Arenal	16.200	178.600
Ahualulco	10.900	189.500
Estanzuela	21.900	211.400
San Luis Potosí	13.300	224.700
La Tinaja	30.800	255.500
Corcovada	13.600	269.100