# **Rochester Center for**

# **Economic Research**

The Bricks of an Empire 1415-1999: 585 Years of Portuguese Emigration

das Neves, Joao Cesar and Stanley L. Engerman

Working Paper No. 440 June 1997

 $\frac{\text{University of}}{\text{Rochester}}$ 

# The Bricks of an Empire 1415-1999 585 Years of Portuguese Emigration

Stanley L. Engerman João César das Neves

Rochester Center for Economic Research Working Paper No. 440

December 1996

# The Bricks of an Empire 1415-1999 585 Years of Portuguese Emigration

Stanley L. Engerman João César das Neves

December 1996

## THE BRICKS OF AN EMPIRE 1415-1999

## 585 years of Portuguese emigration

Stanley L. Engerman

University of Rochester

João César das Neves

Catholic University of Portugal

Banco de Portugal

#### Introduction

## Part I - General Trends Of The Portuguese Empire

- 1. 1415-1460: The first discoveries
- 2. 1460-1500: The two main routes
- 3. 1500-1580: The first golden era
- 4. 1580-1660: Decadence and Recovery
- 5. 1660-1822: The second golden era
- 6. 1822-1961: The third and forth empires
- 7. 1961-1999: The return home

## Part II - Global Picture Of The Portuguese Empire And Emigration

- 1. The Population Of The Empire
  - 1.1. Population of Mainland Portugal
    - 1.2. Population in the Empire
    - 1.3. Population speaking the Portuguese language
    - 1.4. The global picture
- 2. The Numbers Of Portuguese Outflow

## Part III - The Specific Parts Of The Empire

- 1. The Atlantic
  - 1.1. The Northwestern Coast of Africa
  - 1.2. Madeira and Açores
    - 1.2.1. The Islands as Source of Emigration
- 2. Orient
- 3. Brazil
  - 3.1. The Brazilian Empire
  - 3.2. Brazil after independence
- 4. Africa
- 5. Rest of the world

## Part IV - Specific Problems Of Portuguese Emigration

- 1. Reasons for Portuguese Emigration
- 2. Destinations and Returns in Modern Emigration
- 3. Legal attitudes towards emigration
- 4. Slaves

## Part V - Impacts Of Emigration And Empire In Portugal

- 1. The "classical" view
- 2. The "modern" view

## Conclusions

## Bibliography

		-			

## **ABSTRACT**

Portuguese empire was the first and last of the modern empires. From 1415 to 1999, this process created a continuous drain of population, which was one of main determinants for the evolution of this small European country. This drain was very considerable by whatever history standards it is considered.

In this paper we attempt a preliminary picture, based on available secondary sources, of the size of Portuguese emigration and its demographic implications for Portugal and its overseas empire. A brief sketch of the history of the empire is presented in section I. Sections II and III discuss available estimates of population levels and emigrations flows. Sections IV takes into account a few of the problems involved in the process, while section V accesses the historical evaluations of the emigration impact in Portuguese development.

.

#### Introduction

In this paper we take an initial foray, on the basis of available secondary sources, into the examination of Portuguese emigration and its demographic implications for Portugal and its overseas empire. We wish to obtain some understanding of the magnitude of the population outflow, and of the areas to which the emigrants went, and in subsequent work use these to better determine the causes and consequences of such movements and their impact on economic growth in different parts of the world.

## Part I - General Trends of the Portuguese Empire

Sea travel has had a long tradition in Portugal. There is a record of a Portuguese shipwreck in the North Sea in 1194, only fifty years after the foundation of the country. Trade was always a major purpose on these trips. Even before the 13th century the Portuguese had a trading post in Bruges, the first foreign post in Flemish lands. In 1203, some Portuguese were allowed by the English crown to trade in England. (Azevedo p.28).

But the usual date considered for the start of the Portuguese empire is the expedition to Ceuta (Morocco) of King João I (1385-1433) in 1415. This was followed by the voyages of the "caravelas" of Henrique the Navigator, fifth son of João I. The longest-lasting colonial empire in the world had started. It was to end only in our time.

#### 1. 1415-1460: The first discoveries

The first period of the empire was centered in the Atlantic. Madeira and the Porto Santo islands (both known in Europe for some time) were colonized by two expeditions in 1419-20, under João Gonçalves Zarco, Tristão Vaz Teixeira, and Bartolomeu Perestrelo,. The first Açores islands were discovered in 1427 by Diogo Silves. Meanwhile, discovery along the African coast was proceeding slowly. The coast had been explored in the centuries before by many expeditions, but the Portuguese were the first to undertake a systematic approach. Prince Henrique sent many ships there in order to gain ever-increasing knowledge of the African coast.

A milestone was achieved in 1434 when Gil Eanes passed the legendary cape Bojador (in the present Spanish Sahara). Cape White (in Mauritania) was passed in 1441 by Nuno Tristão, and Guiné was reached in the 1450's. In 1445 the first

Commercial settlement in West Africa was created, in Arguim (present-day Mauritania). In the decades of the 1450's and 1460's, the Cape Verde islands were found and colonized. Meanwhile, in 1441, the first cargo of slaves from the Mauritanian coast had been unloaded in Algarve (the province at south-end of Portugal). By 1460, the date of Prince Henrique's death, the coast of Africa had been explored down to present-day Liberia, where the coastline turns dramatically towards the East.

## 2. 1460-1500: The two main routes

The years after the death of Prince Henrique witnessed a reduction of interest in discoveries. His nephew, King Afonso V (1438-1481), had many internal problems and was much more involved in the conquests in Morocco. But, nevertheless, Timbuctu and Mali were reached in the early 1480's. The drive for discovery was renewed under Afonso's son, King João II (1481-1495), who was the real strategist of the Portuguese discoveries. He ordered the building of the fortress of S. Jorge da Mina (present-day Ghana) in 1482 to protect the Portuguese trade in the area. In the same year he sent Diogo Cão on a first trip, which reached Congo and Angola. In 1488, Bartolomeu Dias circled the tip of Africa, passing the Cape of Good Hope.

After the Portuguese trained Cristovão Colombo returned from the Antilles in 1493, Portugal and Spain divided the world under the Treaty of Tordesilhas in 1494. Portugal obtained all the land east of the meridian passing 1184 miles west of the Cape Verde islands. D.João II died the year after, having opened the way to India. Other routes were also opened. In 1495, following Colombo, Pero de Barcelos and João Fernandes Lavrador (whose name was given to the coast of Canada) discovered Greenland, and in 1500 Gaspar Corte-Real reached Newfoundland. Much of the Spanish lands, under the Treaty of Tordesilhas, were actually discovered by the Portuguese.

But India was the main prize. D. Manuel I (1495-1521) sent Vasco da Gama there in 1497. He reached India in 1498, having visited the whole of the east coast of Africa. There was also a second important region to be discovered. The second Portuguese voyage to India departed in 1500 under Pedro Álvares Cabral. At midjourney he discovered Brazil. The two basic areas of the new empire were now open.

#### 3. 1500-1580: The first golden era

The general motivation of the enterprise of empire was now very different from the original one. At the time of D. Henrique's death (1460), the reasons for the discoveries were mainly the search for the lost Christian kingdom of Prester John ("Prestes João", found in Ethiopia) and gold and slaves from Guine. During the kingdom of D. João II (1481-1495), these motives were reinforced by the search for the Asian spices trade. But D.Manuel (1495-1521) was now determined to get the spices trade from India by force, with the help of friendly Christian Indians (Boxer p.52).

The start of the 16<sup>th</sup> century provided the finishing touches to the new empire. Afonso de Albuquerque, the third viceroy of India, conquered Goa (1510), Malacca (1511), and Ormuz (1515), thus dominating the whole of the Eastern trade. The first Portuguese arrived in China in 1513 and Jorge Álvares led a trade mission there the following year. Japan was not reached until 1542. Under the Spanish flag, the Portuguese Fernão de Magalhães commanded the expedition which would circle the globe for the first time, in 1519-21.

The period which followed represented the first golden era of the Portuguese empire. Trade with India dominated the picture, with Africa and Brazil only marginal. Portugal became the middleman between Europe and the East. The Portuguese traders provided European goods (textiles, clocks, lenses, and other goods), along with bullion and other metals, in exchange for Indian spices, porcelains, silks, and other exotic products. During this period, the wealth of the Portuguese king was clear, but it remains doubtful if the country gained enough to compensate for the human effort involved. In addition to the economic flows, the cultural and religious aspects of expansion were also very important. The clash between two very complex civilisations was painful, but fertile. The missionaries became one of the most important driving forces of the empire. But the orient was regarded as "a frontier land of conquest" according to a Franciscan missionary in Goa at the height of the empire, in 1587. All people in the Orient were enemies of the Portuguese, either openly or covertly (Boxer p.287).

The measures to control an empire which stretched from Lisbon to Malacca were remarkably large for a small country, but remarkably small for such a huge territory. At the height of the empire Portugal had less than 300 ships. (Boxer p.68).

#### 4. 1580-1660: Decadence and Kecovery

In 1580 Portugal was conquered by Spain, and independence was not reachieved until 1640. The Dutch then started attacking the Portuguese empire (a fight which constituted "the First World War", Boxer p.115). The resources of the Dutch were much greater, and the situation of Portugal was then very difficult, since it was forced by Spain to fight in Europe. The final result of this global war was a significant victory for the Dutch in the East, a draw in Western Africa, and a clear victory for the Portuguese in Brazil (Boxer p.118). The main reason that the empire was kept afloat, was the deep cultural and personal roots the Portuguese had gained in the regions colonised. The influence of the missionaries was clearly felt and these ties helped to maintain Portuguese influence, even after the defeats and the expulsions (Boxer p.127). After 1640 the reborn, independent Portugal began to reorganise its properties and tried to mend the stressed colonial relations. The Eastern empire was to be reduced to a few local trading posts in India, Macau, and Timor. Brazil then became the new centre of the empire. A new golden era was about to begin.

## 5. 1660-1822: The second golden era

Portugal's loss of influence in the Far East was clear in the second part of the 17th century. The rise of first the Dutch, and later the British, reduced the Portuguese presence to a small, but significant, presence in the Far East. On the other hand, Brazil was to gain an increasing importance within the empire. Sugar, after the second half of the 16th century, became the main source of wealth for the colony. But by 1690 gold was discovered in the interior, and this reduced the economic significance of sugar. With Brazilian gold came the second golden age of the Portuguese empire. Its characteristics were quite similar to those of the Indian spice period, with the crown gaining most of the revenues. The kings D. João V (1706-1750) and D. José (1750-1777) lived in great wealth, as had D. Manuel and D. João III during the first golden age. For the people, the gains hardly covered the costs involved.

But there were now some important differences from the 16th century. The main external elements were the greater conflictsm with, and competition from, other European powers. Structurally, the main difference was that Brazil, unlike India, did not had a large native population to compete with the newcomers. This allowed for the building of a colonial society, which would gain increased independence from the kingdom. The residence of the Portuguese king in Brazil after 1807, due to Napoleon's

invasion of Portugal, gave a push to the colony's ambitions. In 1822 this reached a climax with Brazil becoming independent.

#### 6. 1822-1961: The third and forth empires

The loss of Brazil was a severe blow to Portuguese prospects. The former extensive empire, ranging from Lisbon to Malacca, was now reduced to a few local spots, with its main centers in Angola, Moçambique, Goa, Macau, and Timor. The only significant remaining empire was in Africa. The sparse empire came under attack from other powers. A particularly serious blow was the British ultimatum of 1890, demanding the surrender of the territory between Angola and Mozambique. During the First World War, Portugal was involved in confrontations in Africa. In the Second World War only Timor was invaded by the Japanese, although allied bases were granted in the Açores islands.

The wealth from the colonies had always been an important asset for the country, and an important component of domestic politics. Never again, however, was there another golden age. Development policies were attempted in the colonies at various times, but with no coherent strategy and with only very limited success.

Portuguese emigration abroad, which had soared in the mid-19<sup>th</sup> century, was now, for the first time, directed mostly towards foreign countries. The last Portuguese "empire" was to be dispersed throughout the whole world, to areas where Portugal had no political control. Brazil was the main destination for most of the 19<sup>th</sup> century, but the United States and Europe were also significant recipients of Portuguese out migration.

#### 7. 1961-1999: The return home

After 1961 came the years that Portugal lost its empire. The invasion, by Indian forces, of the Portuguese territories in Goa, Damão, and Diu in 1961 was almost contemporaneous with the start of the liberation war in some of the African colonies: Angola (1961), Mozambique (1963), and Guiné-Bissau (1964). Salazar's dictatorship (Salazar had ultimate power in Portugal from 1928 to 1968, inside a dictatorship regime which lasted from 1926 to 1974), tried to create a "Portuguese economic space", including a monetary union, but with few real results, although some economic development was visible in some of the African colonies.

After the 1974 revolution, the colonies were granted independence. Guiné-Bissau in 1974, and Mozambique, Cabo Verde, S. Tomé and Princípe, and Angola in 1975 became sovereign states. This process created a large return of people from the former colonies, raising the Portuguese population by almost 10 percent in less than two years. Only two colonies were kept, but both of these were under extraordinary circumstances. East Timor was invaded by Indonesia, just before achieving independence, and the problem of its occupation is still undecided. Macau will be, by treaty, integrated into China in 1999.

A new surge in emigration, in magnitude by far the largest of the whole period, took place in the 1960's. The main destination of the emigrants now was Western Europe. After 1974, emigration declined sharply and there was a significant return of emigrants. Today, the empire has almost come full circle. Portugal's population is about 10 million people, but 200 million all over the world now speak Portuguese. This is perhaps the main heritage of the first and longest colonial empire in the world.

## Part II - Global Picture Of The Portuguese Empire And Emigration

## 1. The Population Of The Empire

The demographic dimension of the long and remarkable process of the Portuguese empire remains difficult to accurately establish. The following sections attempt to trace the main lines of the global picture from the sparse and sometimes uncertain numbers available.

## 1.1. Population of Mainland Portugal

The country which was the first to have and the last to lose a colonial empire was always relatively small. In the late Middle Ages, the Portuguese population was around one million. There was a subsequent fall, due to the black death of 1348-49 and the war with Castela from 1383 to 1411. But by 1450, the population was above 1 million (Boxer p.22). The path followed to reach the present 9.3 millions in mainland Portugal is summarized in Table 1. Table 2 shows the population for the two largest cities in Portugal, Lisbon and Porto.

Table 1 - POPULATION OF MAINLAND PORTUGAL

1415	1 000 000-1 100 000*	1861	3 693 362
1527	1 100 000-1 400 000	1864	3 829 618
1636	1 100 000	1878	4 160 315
1732	2 143 368	1890	4 660 095
1768	2 408 698	1900	5 016 267
1801	2 931 930	1911	5 547 708
1821	3 026 450	1920	5 621 315
1835	3 061 684	1945	8 107 320
1838	3 224 474	1965	9 004 200
1841	3 396 972	1970	8 648 180
1854	3 499 121	1976	9 123 000
1858	3 584 677	1992	9 345 000

Source: Neto (1963), Neves (1994) p.223-4; \* Godinho (1971)

TABLE 2 - POPULATION OF LISBON AND PORTO

	Lisboa	Porto
1415	60 000	12 000
1527-3	31 70 000	13 500
1550	100 000	
1590	120 000	-
1619	165 000	14 500
1732	· •	20 000
1801	200 000	43 000
1864	200 000	80 000
1960	800 000	300 000
		000 400 1 1/0

1991 663 394-1 831 877\* 302 472-1 167 800+

Source: Godinho(1971); 1991-Censos 91, INE; \* Greater Lisboa; + Greater Porto

## 1.2. Population in the Empire

From its small base, in the western-most part of Europe, Portugal, after 1415 had a large outflow of people. Although the numbers involved are still not clear, a few estimates have been attempted, with rough results. Table 3 presents the basic numbers for the stock of people in the empire, which must be complemented by the partial figures in the following sections.

Table 3 - POPULATION IN TOTAL PORTUGUESE EMPIRE (excluding Portugal)

Period	NT1	
	Number	Source
mid 16th c.	100 000 - 150 000 Portuguese resident out of Portugal	Α
end 17th c.	1 000 000 (of which 1/4 to 1/3 were of direct Portuguese of	rigin.)A
1820	7 305 730 (including Brazil)	C
mid- 19 <sup>th</sup> c.	1 650 000 (without Brazil)	В
1st quart.20th c.	9 348 330	В

Note - In order to help the presentation of the data, the following CODES OF THE MAIN STATISTICAL SOURCES will be used in the tables

Source	Code	Source	Code	Source (	Code
Godinho (1971) and (1978)	) A	Matoso (1993) vol.III	D	Marques (1981) v.III, p.556-	
Neto (1963)		Boxer (1969)		Silva (199ý)	H
Serrão (1982)	С	Baganha (1991) and (1994	) F	Nizza da Silva (1986)	ī

## 1.3. Population speaking the Portuguese language

The influence of the Portuguese empire spread even after its political dominance had ceased. One simple way to measure its influence is to calculate the number of people in the world who use the Portuguese language. Table 4 presents a rough estimate of these numbers.

Table 4 - THE PORTUGUESE-SPEAKING POPULATION IN THE WORLD IN 1994

PORTU	JGAL	REST OF THE WORLD			
Mainland Portugal	9 350 000	Angola	10 442 000		
Madeira and Açores	505 000	Moçambique	15 500 000		
Macau and Timor	1 430 000	S. Tomé and Principe	125 000		
TOTAL	11 285 000	Guiné-Bissau	1 000 000		
		Cabo Verde	372 000		
		Brazil	159 100 000		
		Emigrants elsewhere	1 800 000		
		TOTAL	188 339 000		
TOTAL	199 624 0	000			

Source: World Bank (1996) p. 188, 222 and estimates (see below)

## 1.4. The global picture

The information available, summarized in the next sections, allows an attempt to capture the general outline of the Portuguese empire. Linear interpolations were used, along with some reasonable hypothesis, to supplement the available information. Figures 1 and 2 present the result of this exercise.

## Insert Figure 1 around here

Figure 1 presents the total population in the Portuguese empire, along with the numbers of Portuguese abroad. Total population is divided in six parts: Mainland Portugal, Açores and Madeira (ATLAN), Asia (Macau and Timor), Brazil, Africa, and Emigration out of the empire. The figure clearly shows the fluctuations in the Eastern empire, the building-up of the two "tropical empires" in Brazil and Africa, and the recent role of the emigration abroad. The last two aspects are more clear in Figure 2, were the number are seen in relation to the population in mainland Portugal.

## [ Insert Figure 2 around here ]

One of the main problems in the estimates is because of the decision of how to consider the numbers of local native peoples in the population of the empire. Some general decisions had to be made and these followed a few simple rules. The Eastern empire was always a "frontier land", with the local society largely immune to dominance by the coloniser. For this reason, the numbers presented are limited to the Portuguese living in these regions. Only in recent times (the 20th century) were natives considered as part of the empire (as the data available is only for some scattered dates, the figure includes this effects spreading through several years).

The two other components of the empire were very different. The conquest and transformation of the native Brazilian and African societies allowed the consideration of the native populations as part of the empire. Slaves were considered in the empire's population numbers from the start, while indigenous populations were included only after the effective penetration by the empire. In Brazil this happened in the second part of the 17<sup>th</sup> century, while in Africa it occurred in the second part of the 19<sup>th</sup> century. Figures 3 and 4 presents the data for the Portuguese speaking population throughout the world, even those outside of Portuguese political control. The difference from

figures 1 and 2 is, of course, that the former colonies are now included. Figure 3 presents the absolute numbers and figure 4 the relation to population in Portugal.

Insert Figure 3 around here

[ Insert Figure 4 around here ]

Brazil clearly dominates the picture, with Africa as the second largest zone of Portuguese influence. Mainland Portugal comes in only in third place.

## 2. The Numbers Of Portuguese Outflow

Estimates of the outflow of population from Portugal are based on limited evidence. Some bold estimates, particularly those made by Godinho (1971) and (1978) allow the presentation of a long-term pattern, as shown in table 5 and Figure 5.

Emigration from the early 15<sup>th</sup> century until the mid 18<sup>th</sup> century had a clear pattern. It started at a rate of less than 1 per thousand of Portuguese population, never went above 4.5 per thousand, and most of the time was between 2.5 and 3 per thousand.

# [ Insert Figure 5 around here ]

Comparison with Spain is very significant, since Spain was the only other country actively involved in the discoveries in the 16<sup>th</sup> and early 17<sup>th</sup> centuries. During the 16<sup>th</sup> century, out of a population of about 1 to 1.4 million, on average 2400 people left Portugal annually to go to the Far East. In Spain, with a population of 7 to 8 million, a total of only 60 000 had left the country before 1570 to go to America, which is an annual average of less than 1000 per year (Boxer p.66).

The high mortality rate on the trip to the Far East should be taken into consideration. More Portuguese died each year on the 8 month long trip to India than did the Spaniards embarked on the 3 month long trip to America. This created problems due to a lack of manpower in this period. At the same time, very few women migrated to India. In a ship carrying 800 people, for example, there were never more than 15 women, more often there were none.

Table 5- OUTFLOW OF PORTUGUESE, 1400-1760

1400-1760	1 000 000 - 1 500 000	
1400-1500	50 000	
1500-1580	280 000	
1580-1640	360 000	
1640-1700	150 000	
1700-1760	600 000	
	(1050)	

Source: Godinho (1978)

Migration from Portugal came mostly from Minho, Douro, Lisboa, Madeira, and Açores. Strangely, no reduction in population in mainland Portugal was recorded but the low leves of population on the continent was clear throughout the period, even with slaves added to the population (Boxer pp.66-67).

Table 6 - OUTFLOW FROM PORTUGAL: 1415-1988

PERIOD	AVERAGE ANNUAL OUTFLOW Se					SOURCE
	Flow (pe	eople)	Ra	Rate (flow/pop)		
	Interval M	ost prob.	Interv	'al	Most pro	b.
16 <sup>th</sup> cent.	2 000-5 000	3 500	1.5 per 1000-3.	5 per 1000	2.5 per 1000	0 A
16 <sup>th</sup> cent.	2 400					E
1620-1640	5 000-8 000	6 000	2.5per 1000-4	per 1000	3 per 1000	Α
1640-1700	2 000-3 000	2 500			1.5per 1000	<b>A</b>
1700-1760	8 000-10 000		3.5 per 1000-4.	5per 1000	4 per 1000	Α
end 18 <sup>th</sup>		3 000				Α
1800-1850	4 000-4 500				1.5 per 1000	) <b>A</b>
1855-1900				3	3.51 per 1000	F
1901-1920				-	7.02 per 1000	F
1921-1945				2	2.83 per 1000	F
1946-1973			•	7	7.02 per 1000	F
1946-1958				3	3.28 per 1000	F
1959-1965	•				5.94 per 1000	F
1966-1973				15	5.04 per 1000	F
1961-1965				8	3.3 per 1000	Α
1966-1969					3.4 per 1000	Α
1970					).77 per 1000	Α
1974-1988			•	3	3.78 per 1000	F
1974-1979				(	5.34 per 1000	F
1980-1988				1	1.79 per 1000	F

The cumulated number of outmigrants involved was staggering, as suggested by Table 5. The total number who left the country during the first 350 years of the empire was equal in number to the population present in Portugal at the start of the empire.

20<sup>th</sup> century witnessed several periods with an absolute reduction in the magnitude of population, with emigration outnumbering the natural growth of the population. In particular, in the 1960's, the relation of emigration to the natural rate of increase of the population was a staggering 136 percent.

Table 7 - RATIO OF EMIGRATION (INCLUDING ILLEGAL) TO NATURAL GROWTH OF POPULATION (%)

1886-1959 50% 1912-1913 > 100% 1918-1920 > 100% 1951-1962 40.1% 1960-1969 83.6% 1966-1972 136.4%

Source: Godinho (1978) p.12, see also Livi-Bacci (1971), p.36

For the period after the mid-19<sup>th</sup> century more detailed information is available (see Neves [1994] p.227 for data sources). This period also witnessed the largest outflow of Portuguese population, both in absolute and relative numbers. The improvement in transportation methods and the reduction in poverty and the geographic isolation of the population help to account for this.

Figure 6 and table 8 present, only for the most recent period, the net numbers of migrants, showing both immigration and the return of emigrants. The Second World War and the dramatic return after the independence of the African colonies are the most important factors in accounting for changes in net immigration.

[ Insert Figure 6 around here ]

Table 8 - NET EMIGRATION FROM PORTUGAL (thousand people)							
1890	1	1916	24	1942	2	1968	155
1891	13	1917	15	1943	1	1969	135
1892	12	1918	11	1944	3	1970	128
1893	17	1919	35	1945	6	1971	97
1894	15	1920	58	1946	4	1972	104
1895	25	1921	7	1947	14	1973	154
1896	15	1922	11	1948	13	1974	-271
1897	12	1923	10	1949	19	1975	-484
1898	13	1924	8	1950	25	1976	-143
1899	10	1925	6	1951	68	1977	33
1900	12	1926	11	1952	95	1978	36
1901	10	1927	7	1953	80	1979	40
1902	12	1928	9	1954	83	1980	35
1903	11	1929	11	1955	60	1981	55
1904	14	1930	3	1956	54	1982	43
1905	17	1931	-6	. 1957	71	1983	30
1906	- 19	1932	-6	1958	69	1984	27
1907	21	1933	-10	1959	67	1985	30
1908	20	1934	-8	1960	65	1986	26
1909	19	1935	-10	1961	65	1987	34
1910	20	1936	-13	1962	65	1988	40
1911	31	1937	-16	1963	77	1989	36
1912	85	1938	-14	1964	107	1990	36
1913	74	1939	-19	1965	172		
1914	25	1940	-13	1966	232		
1915	19	1941	7	1967	179		

SOURCE - 1890-1980 Nunes et al (1989), 1981-1990 Mata and Valério (1994)

## Part III - The Specific Parts Of The Empire

## 1. The Atlantic

The conquest of Ceuta, in Morocco, marked the start of the overseas Portuguese empire, but Portugal's presence in Morocco was brief and never very extensive. The Atlantic part of the empire therefore consisted primarily of the islands off the western coast of Africa, and areas on the western coast of Africa itself.

Table 0 DOI		ODIN AMIONI STATEMENT AND AND AND	_
		OPULATION IN THE ATLANTION	3
Location	Period	Number of Portuguese	Source
MOROCCO	before 1470		Α
	end 15 <sup>th</sup> cent.	25 000 (+ 5 000 soldiers)	Α
	1540	almost nothing	Α
AÇORES + N	AADEIRA (and	CABO VERDE)	
	1820	325 730	С
AÇORES AN	D MADEIRA		-
1 s	quart. 20 <sup>th</sup> c.	411 014	В
MADEIRA	-		
	mid 15 <sup>th</sup> c.	3 000 (+ 160-200 in Porto Santo)	) A
	1550	20 000 (of which 3000 slaves)	Α
	end 16 <sup>th</sup> c.	30 000	В
	end 17 <sup>th</sup> c.	50 000	Α
	end 18 <sup>th</sup> c.	70 000	Α
	1869-70	116 463	В
AÇORES			
	end 17 <sup>th</sup> c.	90 000	Α
	end 18 <sup>th</sup> c.	90 000	Α
	1864	251 894	В
of which in S.	MIGUEL ISLA	ND	
	end 16 <sup>th</sup> c.	42 300	В
	1640	31 400	В
	end 18 <sup>th</sup> c.	57 300	В

## 1.1. The Northwestern Coast of Africa

It was on the western coast of Africa that an interesting phenomenon occurred, almost at the very start of the empire. After 1508 we find documented the existence of Portuguese living with the tribes along the rivers of West Africa. These Portuguese, called "lançados" or "tangomaus", were fully immersed in the local culture, and adopted African patterns. They were regarded by those in Portugal as pirates and depraved people [Mota (1971)]. They were, therefore, strongly opposed and punished. In 1518, D. Manuel I published a law forbidding this form of colonisation, and sent ships to bring back all of these persons. The ones who persisted in staying were

threatened with death and their properties in Portugal confiscated. This was the only example of an anti-emigration law in the first years of the empire. The king's attitude could be explained by the fact that these "lançados" created a danger for the crown's monopoly of trade. The local African kings, allied to Portugal, were not supposed to deal with them; but the African kings were very interested in the competition these men created in the trade. Nevertheless, the law which prescribed death to the "lançados" was probably never applied (Boxer p.47).

#### 1.2. Madeira and Açores

The islands of Madeira and the Açores were discovered at a still uncertain date. It is probable, however, that they were first discovered during the 14<sup>th</sup> century. Nevertheless, the first dates of colonisation were not until 1425 (Madeira) and 1439 (Açores). The first settlers were private persons, sent by the king. The same happened later in regard to the other Atlantic islands, Cabo Verde and S.Tomé e Príncipe.(Matoso p.237)

Madeira had only 3000 souls in 1455, and there were about 160-200 in Porto Santo (according to Cadamosto). These magnitudes were maintained until the end of the century. In the 16<sup>th</sup> century there was emigration from Madeira to the Açores and to Brazil. In 1550 there were 20,000 people in Madeira, with 3,000 of them being slaves. At the end of the 16<sup>th</sup> century there were 29,000 people in Madeira (of whom 3,000 were slaves) and 900 in Porto Santo (Matoso vol. III p.237)

## 1.2.1. The Islands as Source of Emigration

Early in the process, the islands became an important source of emigration, as was the mainland of Portugal (Matoso p.237). This process started in the last quarter of the 15<sup>th</sup> century.

Table 10 - PERCENTAGE OF TOTAL PORTUGUESE EMIGRATION COMING FROM THE ISLANDS

	1866-1871	1866-88	1900-57	1960-65	1969
Madeira and Açores	27.3%	27%			
Açores			16.7%	very small	17.1%

Percentage of Population emigrating in 1965

Açores 15.8 per 1000 Madeira 9.6 per 1000

Source: Godinho (1978) pp.20-2

In the second part of 15<sup>th</sup> century people began to leave Madeira and Açores, some to the Canarias and Africa, but mostly to Brazil. By then the state had created incentives to hold people in the Açores. After 1630 interest in the North Atlantic islands faded, and most migrants went to Brazil (Matoso, vol. III, p.237)

#### 2. Orient

India and, in general, south Asia, were to become the first center of the empire, and dominate the first of its two golden ages. Only towards the end of the 15<sup>th</sup> century did the Portuguese became interested in the spice trade from India, with shipments sent by the new Cape route. (Boxer p.50). The "carreira da India", the regular voyage (of 7-8 months) from Europe to Goa, was a very long and dangerous trip, "the hardest in the world". In particular, it was more difficult than any in the Spanish empire, except for the "carrera das Filipinas" from Mexico to the Philippines (sometimes taking less than 3 months). But, the regular trip to the Philippines took place only from 1565 to 1815, while the trip to India started in 1489 with Vasco da Gama and ended only with the steamship. (Boxer p.205)

The death rate on this trip was quite high. Filipe Sasseti, an Italian in India, wrote in 1585 that every year some 2500-3000 men left Portugal, with between 25 and 33 percent, sometimes one half, lost during the trip. Pyrard, a Frenchman said that out of the number of people who filled two ships leaving to India, the survivors were too few to fill one ship back to Lisbon (Azevedo pp.156-7). From 1500 to 1635, some 912 ships left Lisbon, of which 768 arrived in Goa. In the same period 550 ships left the Orient, with 470 arriving back in Portugal. (Boxer p.218)

The king dominated the process of colonisation. "Practically all the Portuguese men who left Lisbon for Goa during the three centuries went to the Orient at the service of the crown, the missionaries as soldiers of the Cross and the great majority of the laymen as soldiers of the king" (Boxer p.287)

Table 11 - POPULATION IN THE ORIENTAL PORTUGUESE EMPIRE

Location TOTAL	Period	Number of Portuguese	Source
	1513	2 500	Α
	1516	4 000	. A
	1540	6 000-7 000	A
	1570's	16 000	A
	end 18 <sup>th</sup> c.	120 000	A
	1820	580 900	C

Table 11 (c	ont.)- POPUL	ATION IN THE ORIENTAL	PORTUGUESE EMPIRE	3
Location INDIA		mber of Portuguese S	ource	
	end 17 <sup>th</sup> c.	. 60 000	Α	
	1852	408 596	В	
	1st quart.20th	c. 531 952	В	
of which in	GOA			
mid	16 <sup>th</sup> c.	5000-6000	. A	
end	16 <sup>th</sup> c. total j	population 100 000	D	
end	17 <sup>th</sup> c.	50 000 (very few from Por	tugal) A	
INDIA outs	ide GOA			
•	end 17 <sup>th</sup> c.	10 000	A	
in Mascate	mid 16 <sup>th</sup> c.	30	Α	
		150-200 married	A	
in Diu	mid 16 <sup>th</sup> c. 3	350 soldiers + 60 families	Α	
in Sena	mid 16 <sup>th</sup> c.	10	Α	
in Cochin	1546	350	Α	
in Cochin	mid 16 <sup>th</sup> c.	1000	Α	
in S.Tomé d	le Meliapor 15	100	Α	
in S.Tomé d	le Meliapor mi	id 16 <sup>th</sup> c. 1000	Α	
in Malacca	end XVI c.	1000 families	Α	
in Bengale	1582	900	A	
MACAU			and and a second or supply and an extension of the second and	
,	early 17 <sup>th</sup> c	. 1 000	. <b>A</b>	
	end 17 <sup>th</sup> c.	1 000	A	
	1871	71 834	В	
1	st quart. 20 <sup>th</sup> c.	157 175	B	
TIMOR	.1			
	19 <sup>th</sup> c.	180 000-200 000	В	
1 st	quart. 20 <sup>th</sup> c.	442 261	В	

The extraordinary gains gathered from the trade in spices were the main driving force for the non-missionary (and in some cases missionary) colonisation. In a ship, all men, from the captain to the youngest boy, were part of the trade in pepper and other spices, a monopoly of the crown. All (including, in some cases, the prisoners) had a right to a "quintalada", a portion of pepper they could buy in India and bring to Portugal (Azevedo pp. 101-7)

In India, the Portuguese were divided into two classes: the soldiers and the "casados" (married). The soldiers who married local (rich) women were allowed to leave the service and become citizens and merchants. These were the "casados". The others were called "soldiers" and were in the service until they died, married, deserted,

or became invalided by wounds. Most lived in misery (Boxer p.287, Azevedo pp.158-59)

One of the problems of the Eastern empire was the lack the of Portuguese women in the colonies since very few Portuguese women went to the East. The main exception were the "orphans of the king", girls who were sent to the East to marry. (Boxer p.136)

## 3. Brazil

## 3.1. The Brazilian Empire

The early importance of the trade of spices from the Orient reduced the interest Portugal had in its new possession in America. During the first 30 years of the 16<sup>th</sup> century very few contacts were made. (Boxer pp.95-6). After the "pau brasil" (a wood), sugar was the main product of Brazil and its production changed the face of Brazil, (Boxer pp.96-98) at least until the discovery of gold in Minas Gerais by the 1690's (Boxer p.160). By 1725 the economic center of the empire had moved from "golden" Goa to S. Salvador da Baía in Brazil (Boxer p.153)

Brasil in the second half of 16<sup>th</sup> century, when the important emigration started, had 2,000 Europeans and 4,000 slaves (Matoso vol. III, pp.236-8); and it was the biggest colony of Portugal at the end of 16<sup>th</sup> century. It then had 57,000 residents, of whom 25,000 were whites, 18,000 Indians, and 14,000 blacks (Matoso vol. III p.211, Boxer p.112).

Table 12 - POPULATION IN THE PORTUGUESE BRAZILIAN EMPIRE

Period	Number of Portuguese	Source
mid 16 <sup>th</sup> c.	2 000 (+ 4 000 slaves)	A
1583-1584	> 20 000	A
	Total Whites Indians Blacks	71
end 16 <sup>th</sup> c.	57 000 25 000 18 000 14 000	D,E
1600	30 000 (+ 120 000 slaves)	A A
1612	50 000 (+ 120 000 slaves)	A
end 17 <sup>th</sup> c.	500 000 (1/5 from Portugal)	A
end 18 <sup>th</sup> c.	1 850 000	A
1770	2 502 000	1
1780	2 841 000	I
1790	3 325 000	ĭ
1800	3 660 000	I
1810	4 155 000	I T
1820	4 717 000	1
		1

There were five main types of migrants from Portugal to Brazil in the first years of the empire: sailors, merchants, artisans, workers, and owners. All were anxious to return to Portugal. (Boxer p.101)

## 3.2. Brazil after independence

The importance of Brazil to Portugal changed dramatically with independence. The independence of Brazil was proclaimed by the eldest son of the Portuguese King D. João VI (1816-1826) in 1822 and was accepted by Portugal in 1825. This prince became the first emperor of Brazil, D. Pedro I (1822-1831), and was to become, for a brief period, king of Portugal D. Pedro IV (1826)

Table 13 - POPULATION OF BRAZIL AFTER INDEPENDENCE

Period	Total Popul. of Brazil	Non naturalised Portuguese*
1822	4 540 000 (1.5 x Mainland Portugal)	
1850	8 000 000	
1872	10 000 000	120 000
1890		150 000 - 200 000
1900	> 17 000 000	
1917		800 000
1920	30 600 000	
1940	41 500 000	•
1950	52 600 000	

Source Godinho (1978)

During the 19<sup>th</sup> century, Brazil was the main destination of Portuguese emigration. This was an indirect way of maintaining relations between the two countries which, in economic terms, had drifted away from one another.

Table 14 - EMIGRATION FROM PORTUGAL TO BRAZIL

	Total during period	Yearly average	Source
1820-1909	702 790	7 808	(1)
1855-1865		4 055	(1)
1871-1874		11 689	(1)
1880-1881		14 000	(1)

Percentage of total Portuguese emigrants going to Brazil

1855-65	55.5%	(1)	86%	(2)
1880-88	85%	(1)		
1891-1900			93%	(2)
1900-30	70%	(1)		
1901-11			92.8%	(2)
1912-20			77.8%	(2)
1921-30			66.9%	(2)

<sup>\*</sup> Non naturalised Portuguese are those migrants who kept Portuguese citizenship and were not naturalised as Brazilians.

## Lable 14 (cont.) - EMIGRATION FROM PORTUGAL TO BRAZIL

Percentage of total Portuguese emigrants going to Brazil

1931-46	76.1% (1)	Ū	
1931-35	. (-)	73.7%	(2)
1941-50		79.3%	` '
1947-54	78.6% (1)		(-)
1951-60	(-)	76.3%	(2)
1961-65		20.4%	(2)
		, .	\ <del>~</del> /

Source: (1) Godinho (1978) p.16, (2) Serrão (1982) p.43

Another very important component of population in Brazil were the slaves from Africa. Between 1840 and 1850, Brazil received 33,500 slaves yearly. This figure fell to 3,287 in 1851 and the last of the slave shipments occurred in 1864 (Godinho (1978) p.10). It is estimated (Curtin, p.268) that overall Brazil received more slaves imports from Africa over the period of the slave trade than did any other area, some 38 percent of the transatlantic slave movements. In the period 1811-1870, the Brazilian share rose to 60 percent.

#### 4. Africa

Africa was, in some respects, the first as well as the last component of the Portuguese empire. Gold and slaves from Guiné were the starting point of the economic success of the empire, and the African missions were the first areas of expansion of Portuguese cultural influence in the world. But four hundred years later, with the fascination of India and Brazil gone, and the two golden eras of the Portuguese colonial domination ended, Africa became, once again, the most significant element of this empire.

The castles of Mina in 1482 and Axim in 1503 (both in present-day Ghana) were the first permanent, significant presence of Portugal on the west coast of Africa. They defended the trade of gold and slaves in West Africa (Boxer p.47). This trade became however unprofitable by the end of the 16<sup>th</sup> century (Azevedo p.79)

Table 15 - POPULATION IN THE AFRICAN PORTUGUESE EMPIRE

Location	Perio	od Number o	of Portugues	e	Source
TOTAL A	FRICA			-	bource
	end 18 <sup>t</sup>	<sup>h</sup> c. 80 00	0-100 000		Α
	1820	1 10	00 000 (no C	ABO VERDE	
	7	Total Population		Half-breed	, .
194		10 880 000		168 473	Α
19:	50	12 113 000	185 609	171 693	A

Table 15 (cont.)- POPULA		
Location Period CABO VERDE + GUINÉ	Number of Portuguese + S.TOMÉ	Source
.1	25 000 - 30 000	Α
CABO VERDE		
1873	82 864	В
1 <sup>st</sup> quart.20 <sup>th</sup> c.	148 300	В
GUINÉ		
1873	6 154	В
1 <sup>st</sup> quart.20 <sup>th</sup> c.	343 961	В
S.TOMÉ AND PRÍNCIPE		
early 16 <sup>th</sup> c.	4 000 (1/2 slaves)	Α
	(+ 5000-6000 slaves to ree	xport)
1554	>10 000	В
1590	8000-9000	D
1872	21 307	В
1 <sup>st</sup> quart. 20 <sup>th</sup> c.	59 055	В
in Povoação 1506	1 000	Α
in Povoação mid 16 <sup>th</sup> c.	3 000-3 500	$\mathbf{A}$
in Povoação around 1575	4 000 (1/2 slaves)	Α
in Povoação 1590	8 000-9 000	Α
ANGOLA + MOZAMBIQU		
end 17 <sup>th</sup> c.	80 000 -100 000	A
ANGOLA		
S. Paulo de Luanda founded	d 3rd quarter 16 <sup>th</sup> c. with 76	00 people D
1869	433 397	В
1925	2 438 000	$\mathbf{B}$
1940	3 740 000	В
MOZAMBIQUE		
16 <sup>th</sup> c.	0	D
in Mozambique island mid 1	16 <sup>th</sup> c. 40-50	Α
1849	68 411	В
1 <sup>st</sup> quart 20 <sup>th</sup> c.	3 514 612	В
REST OF AFRICA		•
in Abissínia mid 16 <sup>th</sup> c.	200 very rich	Α

By 1483 there were friendly relations between Portugal and King Afonso I of the Congo (Boxer pp.106-8). These friendly relations continued throughout the period. It must be added that if in the 15<sup>th</sup> and 16<sup>th</sup> century Africa the Portuguese used force to obtain their goals, it was only as a measure of last resort (Russel-Wood, p.21).

After 1822, the African colonies became the most important part of the reduced Portuguese empire. In particular, the strip of land which occupies present-day Angola, Zambia, Zimbabwe, and Mozambique became the new center of the empire.

The center of this territory (Zambia and Zimbabwe) was taken by Britain in 1891. The magnitude of Portuguese emigration to this part of the world is shown in table 16.

Table 16 - EMIGRATION TO PORTUGUESE AFRICA

yearly emigration (persons)

last quarter 19<sup>th</sup> c. 50 (from Portugal and islands)

1901-1906 2 033 (from Portugal and islands)

1937-1945 1 800 (only from Portugal)

1946-1950 6 857 (only from Portugal) <=> 51.9% of total

1950-1960 12 000 (only from Portugal) <=> 15% of total

1965-1970 <=> 6.5% of total

Source Godinho (1978) p.17

## 5. Rest of the world

There were no geographical limits on the Portuguese emigration during the 560 years of their formal empire. The empire was the major magnet, but many other areas should also be mentioned. Table 18 presents some estimates which sketch these migrations outside the empire

Table 17 - PORTUGUESE POPULATION IN	FOREIGN COUNTRIES
-------------------------------------	-------------------

Location	Period	Number of Portuguese	Source
HAWAII	mid 19 <sup>th</sup> c.	9 377	A
<b>PORTUGU</b>	JESE IN SPANIS	SH EMPIRE	
SPAIN	first half 17th c.	several thousands	Α
Buenos Air	es first half 17 <sup>th</sup> c	. 1/3 of population	A
Peru	first half 17 <sup>th</sup> c.	several thousands	Ā

## Part IV - Specific Problems Of Portuguese Emigration

## 1. Reasons For Portuguese Emigration

Portuguese historians have created a "canonical explanation" for the phenomenon of Portuguese emigration, emphasizing a few traditional reasons. The basic and central reason specified was the misery of the people in Portugal. This was due to the concentration of property in land and the lack of investment, attributed to the luxury consumption of the nobility (Godinho [1978] p.24). The fact is, however, that emigration remained high even after the wages and general welfare levels of the people were raised significantly. The emigration peaks are to be found in the 1960's. Various other reasons have been mentioned, including the conditions of climate and land, in particular the "variable rain precipitation and poverty of the soil". The plague, specially during the 16<sup>th</sup> and 17<sup>th</sup> centuries was also an important force. And in some cases, a reference was made simply to the fact "that there was no alternative" (Boxer pp.100-1)

## 2. Destinations and Returns in Modern Emigration

The destinations of modern Portuguese emigration are rather clear. Brazil and the Americas dominated the 19th century and early 20th century, with Europe and the rest-of-the-world being the residuals. This picture was completely reversed by the surge of the third quarter of the 20th century. Europe, specially France, dominated Portugal's emigration. Figure 7 shows clearly this change, capturing the end of the "Brazilian era" and the whole of the "European era" of Portuguese emigration. The return of migrants was never an important aspect of Portuguese emigration until recent years. Most of the persons who left Portugal became submerged in the local culture where they had gone, never to return. The "lançados" were an early example of this, but they were by no means the only one. In those cases where there were emigrants returning, they were usually tied to some very specific events. The world wars, and in particular the Second World War, were important episodes giving rise to returning emigrants. But the most important single phenomenon causing a return of emigrants was the independence of the African colonies in 1975-76. In these two years some 800,000 persons entered Portugal, an amount equal to almost 10 percent of its total population. The fact that these persons were able to become integrated into the

Portuguese society within a decade after their return provides an important indication of its flexibility.

# [ Insert Figure 7 around here ]

Table 18 - DESTINATIONS OF MODERN PORTUGUESE EMIGRATION

Table 18 - DESTIN	ATIONS OF	MODERN PORTI	GUESE EMIG
% of total	1880-1888	1900-1950	COLOL LIVING
Brazil	85%	71.5%	
Rest of Americas	7.2%	-	
USA	4%	14.2%	
Argentina	2%	2.58%	
British Guiana	1.2%	-	
Rest of World		11.72%	
Europe and Asia	2%	• .	
Portuguese Africa	3%	-	
Germany Argentine Brazil 233 Canada 1 United States 16 France 12 South Africa 6 Venezuela 35 Others 11	950-59 0 8 549 7 327 1 350 6 193 4 924 6 193 236 356	1960-69 45 474 2 828 73 267 50 405 66 674 329 050 15 793 37 318 26 153	
Source: Godinho (197	'8) p.16-17		

Table 19 - RETURN FLOWS OF MODERN PORTUGUESE EMIGRATION

_	Percentage of returns			
16''' c.	only 10% returned (1)			
late 19th c.	50% returned (2)			
After 1930	only 10% returned			
1936-1949	52.8%			
1950-1970	3.4%			
1970	1.4%			
Δ				

Source: Godinho (1978) p.19, (1) estimation Costa Lobo, (2) Oliveira Martins (1888)

		,	
Reentries (n. peo	ple) 1919-1930		
Brazil	9 596		
USA	109		7
France	250		
Spain	322	•	
Other	219		
TOTAL	10 496 3.5% of exits		
1940-1968	6.8% of exits		
Source: Serrão (1	982) p.38-39		

Table 20 - DESTINATIONS OF PORTUGUESE EMIGRATION, 1950-1988

	TOTAL	Brazil	USA	Canada	Tot.Ame.	France	Germany	Tot.Eur.
1950	21892	14143	938	0	21491	319	1	401
1951	34015	28104	676	0	33341	418	2	674
1952	47407	41518	582	0	46544	650	4	863
1953	39962	32159	1455	0	39026	690	0	936
1954	41190	29943	1918	0	40234	747	4	956
1955	30147	18486	1328	0	28690	1336	.0	1457
1956	28096	16814	1503	1612	26072	1851	6	2024
1957	36894	19321	1628	4158	32150	4640	5	4744
1958	35600	19829	1596	1619	29207	6264	2	6393
1959	34754	16400	4569	3961	29780	4838	6	4974
1960	35159	12451	5679	4895	28513	6434	54	6646
1961	38572	16073	3370	2635	27499	10492	277	11073
1962	43002	13555	2425	2739	24376	16798	1393	18626
1963	55218	11281	2922	3424	22420	29843	2118	32798
1964	75576	4929	1601	4770	17232	51668	4771	58344
1965	91488	3051	1852	5197	17557	60267	12197	73931
1966	111995	2607	13357	6795	33266	63611	11250	78729
1967	94712	3271	11516	6615	28584	59597	4070	66128
1968	96227	3512	10841	6833	27014	58741	8435	69213
1969	155672	2537	13111	6502	27383	110614	15406	128289
1970	183205	1669	9726	6529	22659	135667	22915	160546
1971	158473	1200	8839	6983	21962	110820	24273	136511
1972	115545	1158	7574	6845	20122	68692	24946	95423
1973	129732	890	8160	7403	22091	63942	38444	107641
1974	80859	729	9540	11650	25822	37727	13352	55037
1975	52486	1553	8957	5857	19304	23436	8177	33182
1976	39192	837	7499	3585	14762	17919	5913	24430
1977	33676	557	6748	2280	14826	13265	4835	18850
1978	28858	323	8171	1871	16307	<b>7</b> 406	4509	12551
1979	28726	215	8181	2805	17532	5987	4400	11194
1980	25173	230	4999	2334	15281	520	4000	9892
1981	26607	228	4295	2196	14498	8600	3100	12109
1982	29505	187	1889	1484	9420	17900	1900	20085
1983	14208	197	2437	823	6242	6300	1500	7966
1984	11863	121	2651	764	5747	4600	1400	6116
1985	11551	136	2783	<b>7</b> 91	5842	4000	1600	5709
1986	10204	91	2704	983	5024	1800	3100	5180
1987	11415	28	2643	<b>3</b> 398	7757	400	3100	3658
1988	13332	21	2112	5646	8934	600	3600	4398
Sourc	Source: Baganha (1994)							

## 2. Legal attitudes towards emigration

Portuguese law has had an ambiguous and changing attitude towards emigration. In some cases there was promotion of colonization and emigration; in other cases, especially in the periods with sudden surges of emigration, there were attempts to control and/or guide the outflow. In some cases, the king was, at the same time, both limiting and promoting emigration. In the 18<sup>th</sup> century, the law tried to reduce the "gold rush" to Minas Gerais in Brazil, while at the same time attempting to promote the colonization of Rio Grande do Sul and Santa Catarina, also in Brazil (Serrão (1971) p.20)

In the first centuries, the major problem was populating the newly discovered countries. Due to its taxes and monopolies, the king had much to gain from emigration. For this reason, the law generally ignored the repeated fears that there was a lack of population in the kingdom. The first case of emigration limits were the already mentioned phenomenon of the "lançados" on the west coast of Africa, but that was primarily because of the problems they created for the crown trade monopoly.

Brazil was to become the main destination of emigration after the 17<sup>th</sup> century, and the magnitude of the phenomenon were such that after 1667 (even before the gold discoveries) there were four legal documents trying to limit the outflow of Portuguese to Brazil. But gold was to make these limits ineffective. The fear of depopulation in the kingdom generated a call for other, stricter measures. In the first half of the 18<sup>th</sup> century there were nine other laws trying to prevent emigration. A law of 1720 even prohibited emigration of non-officials (Serrão (1971) p.22). Legal limits to emigration have remained present since then, but violation of the law has also continued. Illegal emigration became a constant problem of Portuguese emigration.

Godinho (op.cit p.12) mentioned that the illegal emigration in the 19<sup>th</sup> and 20<sup>th</sup> centuries fluctuated at a level between one-quarter and one-third of the amount of legal emigration. Luciano Cordeiro (1883) says that the illegal emigration equalled one-third of legal emigration, Oliveira Martins (late 19<sup>th</sup> century) claims that the illegal emigration equals about one-half of legal, and Afonso Costa, a Portuguese primeminister in the 1910's classified Portuguese emigration laws as "based on "prohibiting criteria". By 1896 a "special emigration police" was created.

[ Insert Figure 8 around here ]

The traditional view is that Portuguese emigration laws were very strict. Recent research has modified this picture. In the 18<sup>th</sup> century, the legal limits were strict. Passport emissions to Brazil were limited to officials and people already having business in the colony. But these laws had severe enforcement problems. The liberal attitudes of the 19<sup>th</sup> century changed this picture. The freedom of movement was defined by the "Carta Constitucional" (constitution) of 1826, with some small limits. The state always tried to maintain administrative control over population movements, but there were never emigration quotas or limits based either on race, religion, profession or other personal elements; and there were never prohibitions regarding specific destinations [Leite (1987)].

In order to leave the country, a passport was generally required. After 1896 passports to the colonies were made free of charge and were dispensed with after 1906. The administrative procedure to get a passport to a foreign country was costly, both in time and money, and this caused some illegal migration. But, according to Leite (1987) the money cost of a passport to Brazil after independence in 1822 had amounted to less that a tenth of the cost of the travel ticket during the 19<sup>th</sup> century (actually, the high cost of the ticket, according to this author, points to the fact that the emigrants to Brazil must have had some financial means, and were not destitute people as was generally considered).

The law, then, was no major obstacle. The clearest exception to this result is the case of males in military age. In order to emigrate before having been in the army, young boys must pay a bail to be allowed to leave the country. This "military bail" amounted to several times the cost of the ship ticket to Brazil (in 1910 the bail was almost twice the cost of the ticket, but in 1882 was more than 6 times higher Leite (1987) p.467). This was the only real limit the law imposed to emigration.

One should also point to the existence of "emigration agents", middle-men dealt with workers, promoted labour contracts, and arranged for the trip. As law forebade "emigration incitement", these agents had strong influences in the increase of illegal emigration. Leite (1978) and (1994) mentions the fact that the change from sailing ship to steamships in the late 19<sup>th</sup> century strongly reduced the percentage of illegal emigrants. Steamships typically belonged to formally established firms, with a

more ordained and scheduled operation, making the task of the "emigration police" easier.

Recent research has contributed to a clarification of the picture of Portuguese illegal emigration. Figure 8 (see source in Neves (1994) p.227) presents the most recent estimates of the size of this illegal flow. All this estimates are based mainly on approximations. This figure makes clear the fact that the problem of illegal emigrants was mostly residual during the "liberal" 19<sup>th</sup> century, contrary to the traditional view. The situation is different in the 1960's and 1970's. Then, on average, nearly 40 % of all migration was illegal, with peak ratios of almost 70%. These high numbers reflect the fact that migration was then mostly directed towards elsewhere in Europe. The trip over land made migration controls much more difficult than the trips inships since people could leave the country at any point along the border.

### 3. Slaves

Slavery had, in some respects, effects opposite from emigration. When there were early complaints that emigration caused depopulation of the country, the use of slaves was seen as part of the answer. As they were.

The first shipment of slaves (235 persons) in 1443, came from the land south of Cape Bojador, and were brought to the Algarve by Lançarote. Total shipments until 1448 totalled 927 persons (Azevedo p.69). From 1486 to 1493 3589 slaves entered (ibidem p.70), while from 1511 to 1513 there were 1265 (ibidem p.71). The first slaves from the east coast of Africa arrived in Brasil in 1645 (Azevedo p.202)

In the 16<sup>th</sup> century Portugal had more slaves than any other country in Europe. About 10 percent of the population of Lisbon were slaves (Boxer p.16, see also Saunders): there were around 9950 slaves in a population of about 100 000 people (Azevedo p.73). The authorities in the interior of the country wanted more slaves and asked the king to forbid the sale of slaves from Portugal to Europe, because of the lack of workers. The king, who gained much from this trade, refused (Azevedo p.75). Pombal abolished slavery in Portugal in 1761-63, but mainly as a way to divert slaves from Portugal to the plantations and mines in Brasil (Boxer p.191)

## Part V - Impacts of Emigration and Empire in Portugal

### 1. The "Classical" View

The general view of historians in Portugal, especially before the 20<sup>th</sup> century, was that the country was ruined by the discoveries. A good example of this claim is that of J.Lúcio de Azevedo (1928), whose work we shall draw upon in this section. According to him the country was depopulated by the emigration, the large number of widows in the 1527 census being an indication of this (Azevedo p.154). And, he argued, the results of overseas expansion were meager. Expeditions to Africa after 1415 did not pay for their costs (Azevedo p.64). Trade from Africa in the 15<sup>th</sup> century was also ruinous to the country. A few private persons gained a lot, but the country as a whole was depressed because of the burden of the taxes (Azevedo p.80).

Only during the years of its conquest did India return its costs (Azevedo p.151). The gold found on the east coast of Africa was limited and costly (Azevedo p.189), silver did not exist (Azevedo p.201), and all the profits were consumed in India (Azevedo p.173). The trade in gold from Africa (mostly from Mina in the west coast) was much more profitable than the spice trade from India, and many regretted that the quest for spices prevented the building of an empire in Africa (Azevedo p.180). But in the second decade of the 16<sup>th</sup> century gold from Mina was costing more than it returned (Azevedo p.183). French, English, and Africans got the profits, while the king of Portugal paid the expenses (Azevedo p.184)

Profits from the trade in spices, wood, and slaves were not enough to pay for the costs of the voyages (ships, payments to sailors, soldiers, administrators, and the expenses of the king). The costs of the fortresses and defence of the empire were large, so that the empire was in deficit. Even during Afonso de Albuquerque's conquests, revenues were below costs (Azevedo p.79, p.117, Serrão p.280).

The king, who had been the "main farmer" of the country in the period before discoveries, owning most of the land, was now the main trader. (Azevedo p.120) The king's monopoly of trade trough the "House of India" enriched mainly the officials in charge. It was liberalised in 1570 and it then became possible for anyone to buy spices from anyone at any price. But the spices had to be shipped to Portugal, and had to be sold by the "House of India" (Azevedo p.132). In the late 1570's, the crown trade was rented to a private firm, but the successive rentiers went bankrupt (Azevedo p.137).

The crown was deeply in debt after the reign of D. João II, but the situation became critical by the mid-16<sup>th</sup> century. In 1544 there came the first threat of default of the Portuguese king's debt in Antwerp. In 1560 the crown (through the "House of India") defaulted. Interest costs were then included in the debt. They were paid only inside the kingdom, with the interest rate being reduced. This practice was copied from the policy adopted by Philip II of Spain in 1557 (Azevedo p.125-9). Most of the lenders (who were German) went bankrupt by the end of century (except the Fuggers and the Imhofs) (Azevedo p.134-5)

The nobility gained a lot from the offices, concessions and commands it received from the crown. (Azevedo p.152). The smuggling of spices was a common practice, and was undertaken even by those who were supposed to prevent it (Azevedo p.161)

In the spice trade, Portugal was merely an intermediary. It bought spices in exchange for goods from Europe. Little of Portugal's production went to India, with the exception of wine for the Europeans (Azevedo p.115)

## 2. The "modern" view

Today, while many historians still support the main elements of the classical view of the consequences of emigration, they are somewhat more balanced in their assessment of the impact. It is noted that the kingdom's population never declined, except in a few small local areas or for limited periods (Matoso vol.III p.211). There was a sharp decline in the population of Portugal at the end of Middle Ages, as there was also elsewhere in Europe, but after 1450 population growth gained momentum and maintained a strong dynamic throughout the 16<sup>th</sup> century, ending only at the start of the 17<sup>th</sup> century. This was one of the main reasons that the impact of emigration on the economy was limited (Marques vol. I p.285-286; vol. II p.87-88; Matoso vol. III p.212)

The main problems were due to a scarcity of population, particularly of skilled workers. There was, in this period, immigrations of Italians, Germans, Flemish, and English, as well as of Spaniards, Catalans, Muslims and Jews. The numbers in skilled occupations rose significantly in the 16<sup>th</sup> century, particularly in Lisbon and Porto (Matoso vol.III, p.211, 241).

Of great importance influencing the population changes were the epidemics and plagues that were suffered throughout the 16<sup>th</sup> century. The most important, with

nation-wide effects, were in 1505-07, 1521-23, 1527-29, 1569 ("the year of the big plague"), 1579-80, and 1598-1603. These episodes were connected to famines. There were also earthquakes and small local wars (Matoso vol.III, p.214-222)

Similarly, the idea that the size of the empire and of emigration must have had a severe negative impact on the Portuguese economy is misleading. Several small nations had managed to have large empires in the period (e.g. Venice, Genoa, Holland). Besides, Portugal did not have a real empire until mid-16<sup>th</sup> century, and from Brazil to the Molucas, less than 40 000 men were adequate to manage trade and keep enemies in check.

It should be noted that the first voyages were very expensive. Henry the Navigator used all the riches of the Order of Christ to finance them, and died with large debts (Boxer p.41). Even with its monopolies, the crown never had a financial surplus, not even during "golden ages" of D. Manuel (1495-1521) and D.João V (1706-1750). Both reigns saw a large increase in revenues, but an even larger increase in expenditures. Administrative wages were low and this led to corruption (Boxer p.311)

The private fortunes earned in the empire were not reinvested in trade enterprises, but spent on houses, servants, and charity (Boxer p.315). The "Misericordias" (mercy) brotherhood institutions of charity were very important and had a surprising good record of honesty throughout the empire (Boxer p.280). It was a typical Portuguese institution and the good it provided outweighed its imperfections. It was one of the major advantages to the Portuguese empire, which helps explain its duration and resilience (Boxer p.286)

After 1660 the Portuguese economy lived by the re-export of Brazilian sugar and tobacco and the exports of salt, wine, and fruit. These were used to buy cereals, textiles, and other products from Europe. The balance of payments was, however, in deficit (Boxer p.155).

Gold and diamonds from Brazil made the crown rich in the 18<sup>th</sup> century. King D.João V (1706-1750) said "My grandfather owed and feared. My father owed. I don't owe and I don't fear" (Boxer p.162). A global balance of the empire in 1750 during the reign of D.João V would show that profits were greater than costs (Boxer p.177). But this money was used mostly in construction and in the church (Boxer pp.165-67).

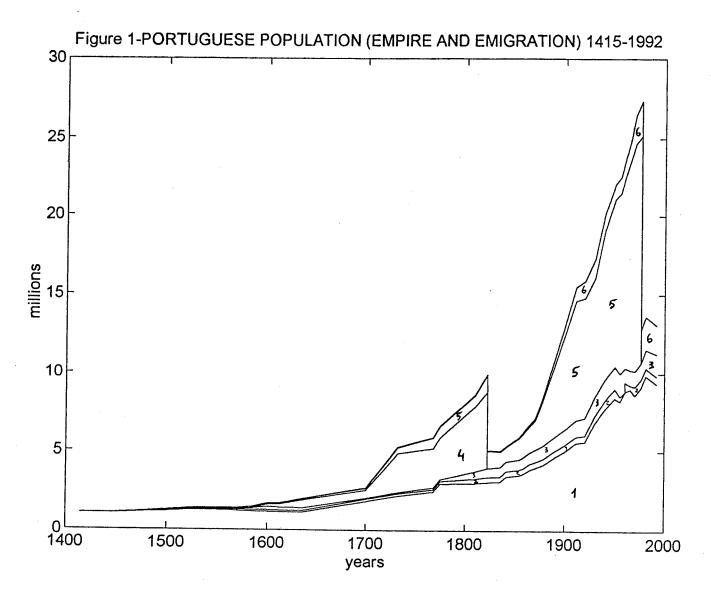
#### **Conclusions**

This paper has tried to present, in simple and, when possible, in numerical terms, the problems of Portuguese emigration during the period of the several Portuguese empires. The questions which remain to be answered, or which have thus far only an incomplete answer are many and important. But the general picture regarding the direction and magnitude of emigration seems to stand-out clearly. And it is an imposing picture.

### **BIBLIOGRAPHY**

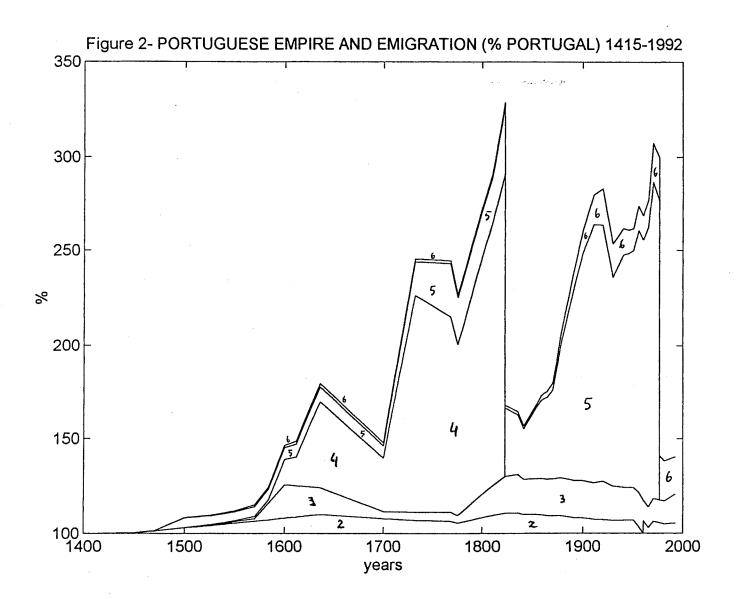
- Azevedo, J. Lúcio (1928) Épocas de Portugal Económico, Clássica Editora, Lisboa
- Baganha, Maria I. (1991) "Uma Imagem desfocada a emigração portuguesa e as fontes sobre a emigração", *Análise Social*, n.112-113, vol XXVI, 3<sup>rd</sup>-4th
- Baganha, Maria I. (1994) "As Correntes Migratórias Portuguesas no Século XX e o seu impacto na economia nacional", *Análise Social*, n.128, vol XXIX 4th
- Boxer, C.R. (1969) The Portuguese Seaborne Empire 1415-1825, Hutchison & Co, London, port.transl. O Império Marítimo Português 1415-1825, Edições 70, 1992
- Curtin, Philip D. (1969) The Atlantic Slave Trade; a census, University of Wisconsin Press, Madison
- Godinho, V.M. (1971) "Sociedade Portuguesa" in Serrão, J. (ed) (1963-71)
- Godinho, V.M. (1978) "L'Émigration Portugaise (XV XX siécles) une constante structurale et les réponses aux changements du monde", Revista de História Económica e Social, (1) Jan-Jun,
- Leite, J. Costa (1987) "Emigração Portuguesa: a lei e os números (1855-1914)" Análise Social, n.97, vol XXIII, 3rd
- Leite, J. Costa (1991) "O transporte de emigrantes: da vela ao vapor na rota dop Brasil, 1851-1914" Análise Social, n.112-113, vol XXVI, 3<sup>rd</sup>-4th
- Livi-Bacci, Massimo (1971) A Century of Portuguese Fertility, Princeton University Press, Princeton, N.J.
- Marques, A.H.Oliveira (1984) História de Portugal, 10th ed., Palas Editores, Lisboa
- Mata, E. and N. Valério (1993) História Económica de Portugal Uma Perspectiva Global, Editorial Presença, Lisboa
- Matoso, J (org.) (1993) História de Portugal, Editorial Estampa, Lisboa
- Mota, A.T. (1971) "Lançados ou Tangomaus" in Serrão, J. (ed) (1963-71)
- Neto, Maria Lourdes do Carmo (1963) "Demografia nas Épocas Modernas e Contemporânea" in Serrão, J. (ed) (1963-71)
- Neves, J.C. (1994) The Portuguese Economy a Picture in Figures, Universidade Católica Editora, Lisboa

- Nizza da Silva, M.B. (1986) O Império Luso-Brasileiro 1750-1822, Editorial Estampa, Lisboa
- Nunes, A.; E. Mata and N. Valério (1989) "Portuguese Economic Growth 1833-1985", Journal of European Economic History, vol.18, n.2, 1989
- Russel-Wood, A.J.R. (1992) A World on the Move the Portuguese in Africa, Asia and America 1415-1808, Carcanet Press, Manchester
- Saunders, A. C. de C. M. (1982) A social history of black slaves and freedmen in Portugal, 1441-1555, Cambridge University Press, New York
- Serrão, J. (ed) (1963-71) Dicionário de História de Portugal, Iniciativas Editoriais, Lisboa
- Serrão, J. (1971) "Emigração" in Serrão, J. (ed) (1963-71)
- Serrão, J. (1982) A Emigração Portuguesa, 4th ed., Livros Horizonte, Lisboa
- Serrão, J. Veríssimo (1980) História de Portugal, Verbo
- Silva, R.Ferreira (1992) "Sob o Signo do Império" in Rosas, F (ed) *Portugal e o Estado Novo (1930-1960)*, Editorial Presença, Lisboa
- World Bank (1996) World Development Report 1996, Oxford University Press



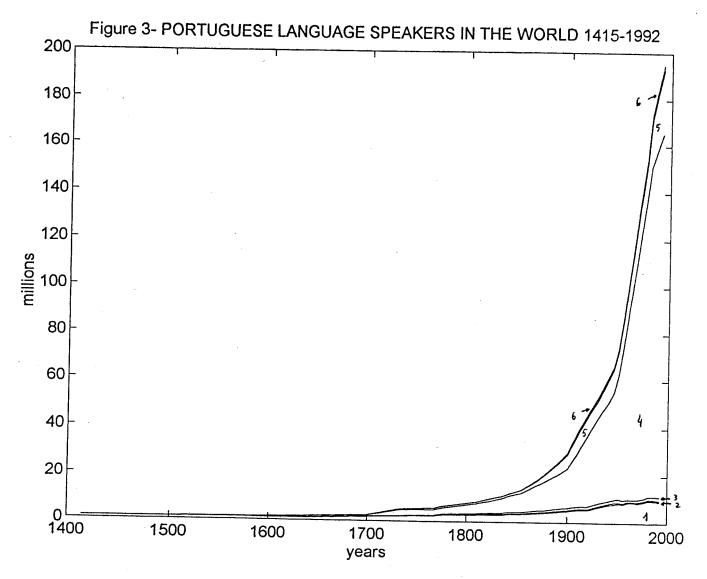
- 1 PORTUGAL
- 2- ATLANTIC ISLANDS\
- 3- ASIA

- 4- BRAZIL
- 5- AFRICA
- 6- EMIGRATION OUT OF EMPIRE



- 2- ATLANTIC ISLANDS\
- 3- ASIA

- 4- BRAZIL
- 5- AFRICA
- 6- EMIGRATION OUT OF EMPIRE



- 1 PORTUGAL
- 2- ATLANTIC ISLANDS\
- 3- ASIA

- 4- BRAZIL
- 5- AFRICA
- 6- EMIGRATION OUT OF EMPIRE

2500 2000 1500 % 1000 500 0 1400 1500 1600 1700 1800 1900 2000 years

Figure 4- PORTUGUESE LANGUAGE SPEAKERS IN THE WORLD (% PORTUGAL) 1415-1992

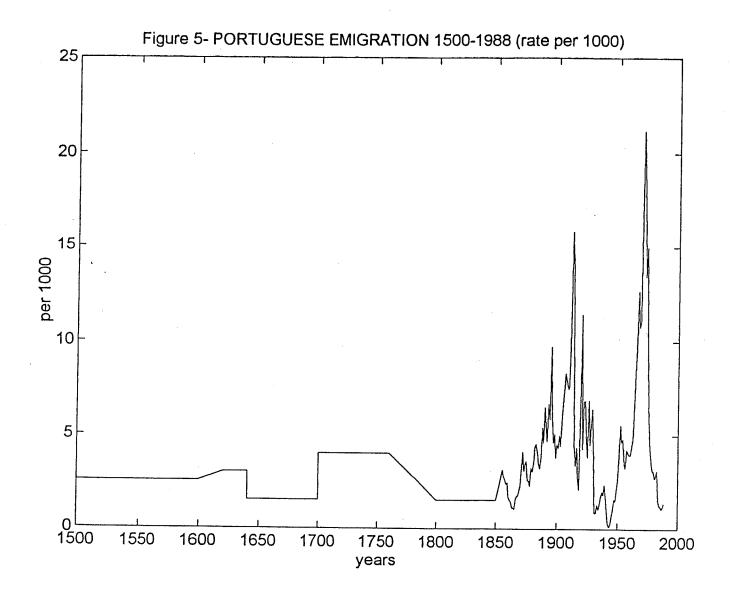
4- BRAZIL

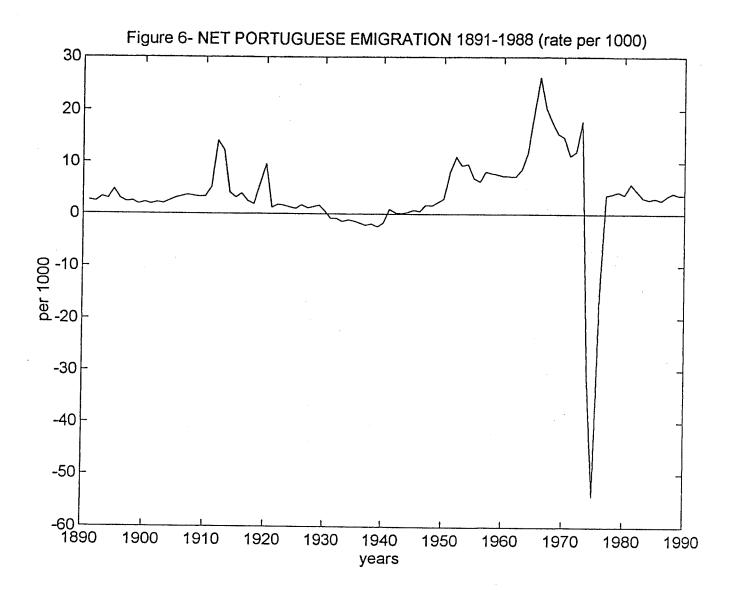
2- ATLANTIC ISLANDS\

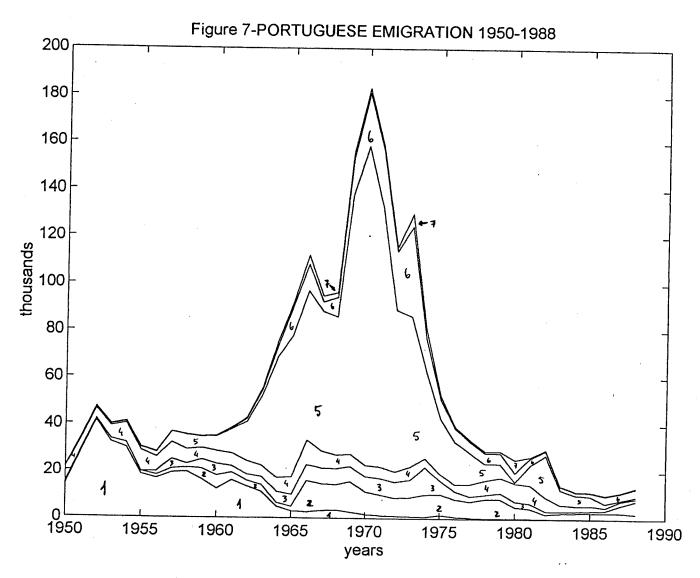
5- AFRICA

3- ASIA

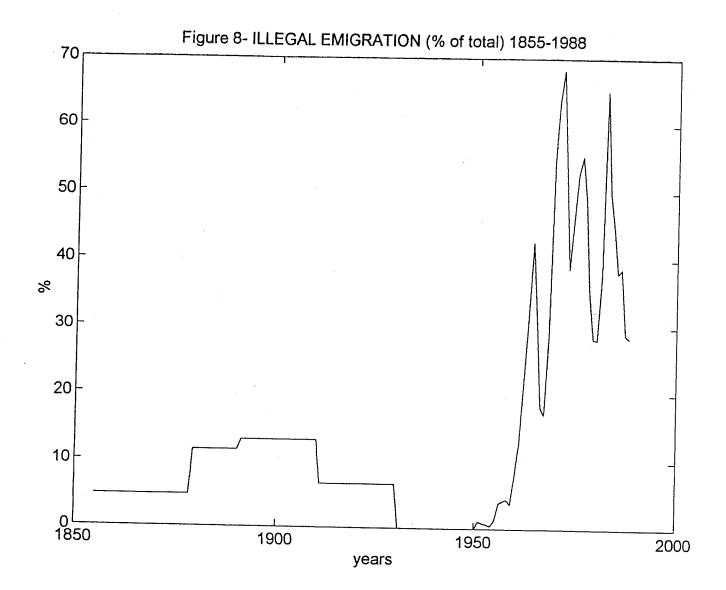
6- EMIGRATION OUT OF EMPIRE







- 1- BRAZIL
- 2- USA
- 3- CANADA
- 4- OTHER AMERICA
- 5- FRANCE
- 6- GERMANY
- 7- OTHER EUROPE



## ESTUDOS E DOCUMENTOS DE TRABALHO/WORKING PAPERS

1/90	PRODUTO POTENCIAL, DESEMPREGO E INFLAÇÃO EM PORTUGAL
	Um estudo para o período 1974-1989 Carlos Robalo Marques
2/90	INFLAÇÃO EM PORTUGAL Um estudo econométrico para o período 1965-1989, com projecções para 1990 e 1991 — Carlos Robalo Marques
3/92	THE EFFECTS OF LIQUIDITY CONSTRAINTS ON CONSUMPTION BEHAVIOUR The Portuguese Experience — Sílvia Luz
4/92	LOW FREQUENCY FILTERING AND REAL BUSINESS CYCLES  — Robert G. King, Sérgio T. Rebelo
5/92	GROWTH IN OPEN ECONOMIES  — Sérgio Rebelo
6/92	DYNAMIC OPTIMAL TAXATION IN SMALL OPEN ECONOMIES  — Isabel H. Correia
7/92	EXTERNAL DEBT AND ECONOMIC GROWTH  — Isabel H. Correia
8/92	BUSINESS CYCLES FROM 1850 TO 1950: NEW FACTS ABOUT OLD DATA — Isabel H. Correia, João L. Neves, Sérgio Rebelo
9/92	LABOUR HOARDING AND THE BUSINESS CYCLE  — Craig Burnside, Martin Eichenbaum, Sérgio Rebelo
10/92	ANALYSIS OF FOREIGN DIRECT INVESTMENT FLOWS IN PORTUGAL USING PANEL DATA — Luísa Farinha
11/92	INFLATION IN FIXED EXCHANGE RATE REGIMES: THE RECENT PORTUGUESE EXPERIENCE — Sérgio Rebelo
12/92	TERM STRUCTURE OF INTEREST RATES IN PORTUGAL  — Armindo Escalda
13/92	AUCTIONING INCENTIVE CONTRACTS: THE COMMON COST CASE  — Fernando Branco
14/92	INDEXED DEBT AND PRODUCTION EFFICIENCY  — António S. Mello, John Parsons
15/92	"TESTING" FOR MEAN AND VARIANCE BREAKS WITH DEPENDENT DATA — José A. F. Machado
16/92	COINTEGRATION AND DYNAMIC SPECIFICATION  — Carlos Robalo Marques

18/92	THE DISTRIBUTION OF HOUSEHOLD INCOME AND EXPENDITURE IN PORTUGAL: 1980 and 1990			
	— Miguel Gouveia, José Tavares			
19/92	THE DESIGN OF MULTIDIMENSIONAL AUCTIONS — Fernando Branco			
20/92	MARGINAL INCOME TAX RATES AND ECONOMIC GROWTH IN DEVELOPING COUNTRIES			
	— Sérgio Rebelo, William Easterly			
21/92	THE EFFECT OF DEMAND AND TECHNOLOGICAL CONDITIONS ON THE LIFE EXPECTANCY OF NEW FIRMS  — José Mata, Pedro Portugal			
22/92	TRANSITIONAL DYNAMICS AND ECONOMIC GROWTH IN THE NEOCLASSICAL MODEL — Robert G. King, Sérgio Rebelo			
23/92	AN INTEGRATED MODEL OF MULTINATIONAL FLEXIBILITY AND FINANCIAL HEDGING — António S. Mello, Alexander J. Triantis			
24/92	CHOOSING AN AGGREGATE FOR MONETARY POLICY: A COINTEGRATION APPROACH — Carlos Robalo Marques, Margarida Catalão Lopes			
25/92	INVESTMENT: CREDIT CONSTRAINTS, REGULATED INTEREST RATES AND EXPECTATIONS OF FINANCIAL LIBERALIZATION – THE PORTUGUESE EXPERIENCE — Koleman Strumpf			
1/93	SUNK COSTS AND THE DYNAMICS OF ENTRY — José Mata			
2/93	POLICY, TECHNOLOGY ADOPTION AND GROWTH  — William Easterly, Robert King, Ross Levine, Sérgio Rebelo			
3/93	OPTIMAL AUCTIONS OF A DIVISIBLE GOOD  — Fernando Branco			
4/93	EXCHANGE RATE EXPECTATIONS IN INTERNATIONAL OLIGOLOPY  — Luís Cabral, António S. Mello			
5/93	A MODEL OF BRANCHING WITH AN APPLICATION TO PORTUGUESE BANKING — Luís Cabral, W. Robert Majure			
6/93	HOW DOES NEW FIRM SURVIVAL VARY ACROSS INDUSTRIES AND TIME?  — José Mata, Pedro Portugal			
7/93	DO NOISE TRADERS "CREATE THEIR OWN SPACE"?  — Ravi Bhushan, David P. Brown, António S. Mello			
8/93	MARKET POWER MEASUREMENT – AN APPLICATION TO THE PORTUGUESE CREDIT MARKET  — Margarida Catalão Lopes			
	•			
9/93	CURRENCY SUBSTITUTABILITY AS A SOURCE OF INFLATIONARY DISCIPLINE  — Pedro Teles			

— José Mata

10/93	BUDGET IMPLICATIONS OF MONETARY COORDINATION IN THE EUROPEAN COMMUNITY — Pedro Teles
11/93	THE DETERMINANTS OF FIRM START-UP SIZE  — José Mata
12/93	FIRM START-UP SIZE: A CONDITIONAL QUANTILE APPROACH — José Mata, José A. F. Machado
13/93	FISCAL POLICY AND ECONOMIC GROWTH: AN EMPIRICAL INVESTIGATION  — William Easterly, Sérgio Rebelo
14/93	BETA ESTIMATION IN THE PORTUGUESE THIN STOCK MARKET  — Armindo Escalda
15/93	SHOULD CAPITAL INCOME BE TAXED IN THE STEADY STATE?  — Isabel H. Correia
16/93	BUSINESS CYCLES IN A SMALL OPEN ECONOMY  — Isabel H. Correia, João C. Neves, Sérgio Rebelo
17/93	OPTIMAL TAXATION AND CAPITAL MOBILITY  — Isabel H. Correia
18/93	A COMPOSITE COINCIDENT INDICATOR FOR THE PORTUGUESE ECONOMY  — Francisco Craveiro Dias
19/93	PORTUGUESE PRICES BEFORE 1947: INCONSISTENCY BETWEEN THE OBSERVED COST OF LIVING INDEX AND THE GDP PRICE ESTIMATION OF NUNES, MATA AND VALÉRIO (1989)  — Paulo Soares Esteves
20/93	EVOLUTION OF PORTUGUESE EXPORT MARKET SHARES (1981-91)  — Cristina Manteu, Ildeberta Abreu
1/94	PROCUREMENT FAVORITISM AND TECHNOLOGY ADOPTION  — Fernando Branco
2/94	WAGE RIGIDITY AND JOB MISMATCH IN EUROPE: SOME EVIDENCE — Sílvia Luz, Maximiano Pinheiro
3/94	A CORRECTION OF THE CURRENT CONSUMPTION INDICATOR – AN APPLICATION OF THE INTERVENTION ANALYSIS APPROACH  — Renata Mesquita
4/94	PORTUGUESE GDP AND ITS DEFLATOR BEFORE 1947: A REVISION OF THE DATA PRODUCED BY NUNES, MATA AND VALÉRIO (1989)  — Carlos Robalo Marques, Paulo Soares Esteves
5/94	EEXCHANGE RATE RISK IN THE EMS AFTER THE WIDENING OF THE BANDS IN AUGUST 1993 — Joaquim Pires Pina
6/94	FINANCIAL CONSTRAINTS AND FIRM POST-ENTRY PERFORMANCE

— Paulo Brito, António S. Mello

0/74	TREASURY BILL AUCTIONS WITH UNINFORMED BIDDERS  — Fernando Branco				
9/94	AUCTIONS OF SHARES WITH A SECONDARY MARKET AND TENDER OFFERS — António S. Mello, John E. Parsons				
10/94	MONEY AS AN INTERMEDIATE GOOD AND THE WELFARE COST OF THE INFLATION TAX				
	— Isabel Correia, Pedro Teles				
11/94	THE STABILITY OF PORTUGUESE RISK MEASURES  — Armindo Escalda				
1/95	THE SURVIVAL OF NEW PLANTS: START-UP CONDITIONS AND POST-ENTRY EVOLUTION  José Mata, Padra Partural Partural Projections				
	— José Mata, Pedro Portugal, Paulo Guimarães				
2/95	MULTI-OBJECT AUCTIONS: ON THE USE OF COMBINATIONAL BIDS  — Fernando Branco				
3/95	AN INDEX OF LEADING INDICATORS FOR THE PORTUGUESE ECONOMY  — Francisco Ferreira Gomes				
4/95	IS THE FRIEDMAN RULE OPTIMAL WHEN MONEY IS AN INTERMEDIATE GOOD?  — Isabel Correia, Pedro Teles				
5/95	HOW DO NEW FIRM STARTS VARY ACROSS INDUSTRIES AND OVER TIME?  — José Mata				
6/95	PROCUREMENT FAVORITISM IN HIGH TECHNOLOGY — Fernando Branco				
7/95	MARKETS, ENTREPRENEURS AND THE SIZE OF NEW FIRMS  — José Mata				
1/96	CONVERGENCE ACROSS EU COUNTRIES: INFLATION AND SAVINGS RATES ON PHYSICAL AND HUMAN CAPITAL  — Paulo Soares Esteves				
2/96	THE OPTIMAL INFLATION TAX  — Isabel Correia, Pedro Teles				
3/96	FISCAL RULES OF INCOME TRANSFORMATION  — Isabel H. Correia				
4/96	ON THE EFFICIENCY AND EQUITY TRADE-OFF — Isabel H. Correia				
5/96	DISTRIBUTIONAL EFFECTS OF THE ELIMINATION OF CAPITAL TAXATION — Isabel H. Correia				
6/96	LOCAL DYNAMICS FOR SPHERICAL OPTIMAL CONTROL PROBLEMS — Paulo Brito				
7/96	A MONEY DEMAND FUNCTION FOR PORTUGAL  — João Sousa				

8/96	COMPARATIVE EXPORT BEHAVIOUR OF FOREIGN AND DOMESTIC FIRMS IN PORTUGAL — Sónia Cabral
9/96	PUBLIC CAPITAL ACCUMULATION AND PRIVATE SECTOR PERFORMANCE IN THE US — Alfredo Marvão Pereira, Rafael Flores de Frutos
10/96	IMPORTED CAPITAL AND DOMESTIC GROWTH: A COMPARISON BETWEEN EAST ASIA AND LATIN AMERICA — Ling-ling Huang, Alfredo Marvão Pereira
11/96	ON THE EFFECTS OF PUBLIC AND PRIVATE R&D  — Robert B. Archibald, Alfredo Marvão Pereira
12/96	EXPORT GROWTH AND DOMESTIC PERFORMANCE  — Alfredo Marvão Pereira, Zhenhui Xu
13/96	INFRASTRUCTURES AND PRIVATE SECTOR PERFORMANCE IN SPAIN  — Alfredo Marvão Pereira, Oriol Roca Sagales
14/96	PUBLIC INVESTMENT AND PRIVATE SECTOR PERFORMANCE: INTERNATIONAL EVIDENCE  — Alfredo Marvão Pereira, Norman Morin
15/96	COMPETITION POLICY IN PORTUGAL — Pedro P. Barros, José Mata
16/96	THE IMPACT OF FOREIGN DIRECT INVESTMENT IN THE PORTUGUESE ECONOMY Luísa Farinha, José Mata
17/96	THE TERM STRUCTURE OF INTEREST RATES: A COMPARISON OF ALTERNATIVE ESTIMATION METHODS WITH AN APPLICATION TO PORTUGAL — Nuno Cassola, Jorge Barros Luís
18/96	SHORT-AND LONG-TERM JOBLESSNESS: A SEMI-PARAMETRIC MODEL WITH TIME -VARYING EFFECTS — Pedro Portugal, John T. Addison
19/96	SOME SPECIFICATION ISSUES IN UNEMPLOYMENT DURATION ANALYSIS — Pedro Portugal, John T. Addison
20/96	SEQUENTIAL AUCTIONS WITH SYNERGIES: AN EXAMPLE — Fernando Branco
21/96	HEDGING WINNER'S CURSE WITH MULTIPLE BIDS: EVIDENCE FROM THE PORTUGUESE TREASURY BILL AUCTION — Michael B. Gordy
22/96	THE BRICKS OF AN EMPIRE 1415-1999: 585 YEARS OF PORTUGUESE EMIGRATION — Stanley L. Engerman, João César das Neves