CONTENTS

Acknowledgments vii

- 1 Introduction: The Market as a Party? 1
- 2 Eight Hundred Years of Economic Growth, 1000–1800 14
- **3** Between Feudalism and Freedom, 1000–1350 28
- 4 Capitalism and Civil Society in Late Medieval Holland, 1350–1566 58
- **5** A Capitalist Revolution? The Dutch Revolt, 1566–1609 90
- 6 New Capitalism at Home and Overseas 118
- 7 The Republican State and "Varieties of Capitalism" 144
- 8 Capitalism and Inequality in the Eighteenth Century 169
- **9** Conclusion 199

Notes 211 Bibliography 225 Index 247

1

Introduction

THE MARKET AS A PARTY?

When the Dutch Celebrate their king's birthday—King's Day, on April 27, a national holiday—they don't dance in the streets or drink themselves into a stupor (although that can also occur). No, they play at being merchants. The Dutch call this a *vrijmarkt*, in English literally a "free market," and it works like this: Each family gathers together things that are not used anymore perhaps shoes that the children have grown out of or books they have finished reading, and lots more. This "merchandise" is displayed somewhere in the town or village center, where it is offered for sale. Cars are banned from the inner precincts of the towns and villages for the duration of the party, and everyone—children and adults—sits on the curb, or on chairs brought along for the purpose, and promotes and sells his or her wares. Those who don't feel like selling their old stuff are potential buyers. Young and old alike celebrate by playing the role of merchant, promoting their goods and haggling over the price, all to earn some extra pocket money, which will often be used to buy things in the same flea market—things that may well be sold again next year because they are too small, have in the meantime been read, or are just a bit out of fashion.

The more creative children play the recorder or violin to earn some money, or they sell homemade cookies. People who do not want to spend hours stuck behind a stall promenade in large herds along the streets in search of bargains. Much-told stories circulate about the purchase of an

2 CHAPTER 1

etching by Rembrandt or an authentic Chinese porcelain vase for next to nothing, but these are probably urban legends. The *vrijmarkt* is, however, under threat from real capitalists: itinerant retailers out to make a profit from the crowds that flock to the market by offering them beer, sweets, or other wares. The municipal authorities regulate all this by supervising these professional traders, and also by setting aside special, attractive parts of the town or village center for children.

That a free market is organized for the country's most important national celebration says something about how deeply the spirit of commerce—buying and selling—is rooted in Dutch culture. The Dutch version of "paradise" is a free market where everyone can do as they please. It is important to make a bit of profit on the free market, but just as important is the fun of meeting other people and haggling for a bargain. But in order to protect the vulnerable—especially the children—the free market is nevertheless regulated by (in this case) the municipal authorities, who also supervise compliance with regulations and, just as important, deal with any negative "externalities" that arise, notably by efficiently disposing of the mountains of waste left behind after everyone has gone home.

This book is about a country whose economy has been dominated by markets for centuries, a country that can be seen as one of the pioneers of the global market economy as we know it today. The book looks at the question of when this market economy originated and seeks to determine why the Netherlands was one of the forerunners in the emergence of capitalism. ¹ In doing so, it links into the ongoing debate about capitalism, about the emergence of this economic system and its effects on individual and collective behavior, on economic growth, social inequality, and "broad prosperity." The new history of capitalism has in the last ten years put this topic back on the agenda—after a quasi-absence of this debate during the 1990s and early 2000s.² Marxists would even argue that the essence of capitalism is inequality, because it is based on unequal access to the means of production. In their eyes, only a small part of the population is "capitalist" and owns those means of production, while the majority, the workers, have to "sell" themselves on the labor market in order to stay alive. From this fundamental inequality of the capitalist market economy—according to the classical Marxist criticism of this system—originate all other forms of inequality.

So far we have been using the terms "market economy" and "capitalism" interchangeably, but this can easily lead to confusion. A market economy is one in which the most important economic decisions—what to buy, what to

INTRODUCTION 3

produce, where to work—are made on the basis of price. Of course, other sorts of decisions and allocations of resources play a role in every economy—for example, those within the household or by the state—and the share of "pure" market transactions in an economy can vary across time and place. In the nineteenth century and the first half of the twentieth century, married women increasingly withdrew from the labor market under the influence of the "breadwinner model," but the degree to which households were dependent on the labor market hardly decreased as a result. In the twentieth century, social benefit payments associated with the welfare state coexist with income earned from employment. Where the boundary lies between market and nonmarket (e.g., state, household) may vary, but the market has retained its decisive role in economic decision-making.

In order to be able to speak of capitalism, another condition must also be met—namely, unequal access to the means of production. In a capitalist economy, a large part of the working population is dependent on wages, earned on the labor market. A noncapitalist market economy could consist of small-scale providers of goods and services, almost all of whom have some means of production at their disposal. Java in the nineteenth century is an example of what in the literature is called a "peasant economy," because almost all producers in that economy were small farmers.⁴

The founder of the debate on capitalism as a distinctive economic system was Karl Marx, who published the first volume of *Das Kapital* in 1867. Although Marx was primarily interested in industrial capitalism, he saw the roots of this system in what he called "primitive accumulation," the process by which possession of the means of production passed into the hands of a small group. This took place in various parts of Europe, where, according to Marx, small-scale farmers were dispossessed. In Britain, for example, as a result of the "enclosures," peasant farmers lost access to communal agricultural land. At more or less the same time, capitalists began to appropriate the riches of other continents. In Marx's own words:

The discovery of gold and silver in America, the extirpation, enslavement and entombment in mines of the aboriginal population, the beginning of the conquest and looting of the East Indies, the turning of Africa into a warren for the commercial hunting of black-skins, signaled the rosy dawn of the era of capitalist production. These idyllic proceedings are the chief moments of primitive accumulation. . . . [T]hey all employ the power of the state, the concentrated and organized force of society, to

4 CHAPTER 1

hasten, hot-house fashion, the process of transformation of the feudal mode of production into the capitalist mode, and to shorten the transition. Force is the midwife of every old society pregnant with a new one. It is itself an economic power.⁵

Marx and, more recently, the new history of capitalism emphasize that capitalism arises from the violent expropriation of the means of production, in which the state and colonialism have played a significant role. The new institutional economics, and in particular the work of Douglass North, one of its founders, sees this in a very different light. The crucial question for North and his followers is under what conditions producers and consumers would willingly become more market-oriented. Such a shift requires institutions that stimulate a strategy of cooperation via the market. For this cooperation, institutions establish the "rules of the game," which determine how people interact with one another. Producing for the market requires trust in its outcomes because all kinds of decisions make the producer dependent on that market. For example, in the fifteenth century, farmers in the province of Holland began to specialize in livestock products—butter, cheese, meat, and hides—in which they had a comparative advantage. In doing so, those farmers made themselves dependent on the market not only for the sale of their butter and cheese but also for the purchase of food products like grain to feed themselves, since they no longer grew their own. According to North, this strategy would be successful only if property rights were protected, to ensure that people could reap the benefits of their market-oriented activities.

In North's view, the elites, and the state they controlled, were the most acute threat to market exchange. He was keenly aware of the role of violence, especially that of the state, which has the power to skim off any gains from specialization through taxation or simple expropriation. Constraining the executive is thus one of the major themes of new institutional economics—for example, through the development of democratic institutions such as parliaments. The most important breakthrough, according to North and Weingast, was therefore the Glorious Revolution of 1688–89, which restricted the power of the British monarch; the French Revolution in 1789 did the same in mainland Europe. Acemoglu and Robinson, in an equally seminal statement, have argued that "inclusive institutions" are necessary for economic development, and that "extractive institutions" hinder economic growth. The general idea of new institutional economics is that sociopolitical structures, the distribution of power in a society, determine

INTRODUCTION 5

whether the proper preconditions for economic development through the market are present.

Through his American lens, North saw the state, alongside its role as a guarantor of the rules, as a potential predator; he paid much less attention to the possibility that it could also protect weaker participants in the market (just as Dutch municipalities do by setting aside a special place for children in the free markets held on King's Day). In the premodern period, most states were barely able to play this role. Their authority was undermined, among other things, by independent lords, who could please themselves in the areas they controlled. On the other hand, there are other institutions that did play an important role in the early history of capitalism, as Max Weber realized a hundred years ago. Weber, most famously, claimed that Protestantism laid an ideological and psychological basis for capitalism. 9 But he also pointed out another peculiarity of medieval Europe: autonomous cities and their citizens. This draws attention to the possibility of a role played by civil society in the emergence and development of the capitalist economy. The bourgeoisie were not only people tempted by the enticements of profitable transactions but also citizens of cities, through which they tried to create their own political and economic space.

Political scientist Robert D. Putnam is the standard-bearer of a neo-Weberian group that attaches great importance to "civil society," with "social capital" as its active ingredient. In essence this means that citizens organize themselves as collectives, within which they create mutual relationships (social capital) that enable them to act in the public domain. Some of these civil organizations are independent of the government—for example, sports clubs, choirs, and charities. Other organizations, however, have major dealings with governments, such as trade unions, consumer organizations, and political parties. In this book we consider their predecessors: guilds, neighborhood communities, civic militias in the cities, and polder administrations in the countryside. On paper, such organizations may appear to be opponents of the government, but in practice they can just as often help the state to find out what citizens really want, or to create support for difficult decisions.

Putnam concludes that societies with a strong civil society, and therefore a lot of social capital, perform better—like Douglass North, he sees civil society and social capital as bringing balance to society, providing organized countervailing forces that prevent the corruption that grows out of unbridled power. In theories like this, citizens are no longer regarded as "wage slaves," passive

6 CHAPTER 1

instruments in the hands of the elite or of capitalists, but as people with their own economic and political agendas. The underlying rationale in Putnam's work and that of his associates is that societies and their economies function better when there is active popular support for governmental policies and economic activities, because citizens can see the benefits of the government's efforts and of their own labors. From our perspective, this means that we need to investigate the nature of the relationship between citizenship and social capital and the rise and further development of capitalism. Incidentally, there are also critics who think that this works the other way around: prosperous societies can afford to maintain the expensive consultations that accompany a high level of citizen participation.

In classical Marxist theory, capitalism emerged from feudalism. Feudalism is in many respects the antithesis of capitalism: markets are marginal; the elites live from agricultural surpluses—the labor of serf farmers skimmed off by force. Ultimately, the system is static since it does not generate economic growth. The transition debate among Marxists mainly concerns whether feudalism perished owing to internal contradictions—an endogenous crisis in the system was needed to make room for the forces of capitalism, which then further undermined the system—or whether it was exogenous developments, in particular the rise of cities and international trade, that were responsible for the disappearance of this sociopolitical system.¹³ The Netherlands was located on the margins of the region in which classical feudalism was concentrated, the area between the Seine and Rhine rivers. The country displayed a significant variation in terms of population density, urbanization, and rural soil conditions, as well as governance structures. While the southern regions of the Netherlands and the lands bordering these major rivers fell within this core of feudalism, the northern regions did not, because, as we will see later, "Frisian freedom" came to prevail. This makes the Netherlands an interesting case for studying the transition from feudalism to capitalism: how did it take place in the "feudal" and "nonfeudal" parts of the country?

Feudalism is traditionally seen as a rigid hierarchical system that suppresses market flows and is essentially based on coercion; Wickham, for example, in a recent review describes the core of feudalism as "surplus extraction: peasants having to give their products to lords, with the implicit threat of force." Feudalism usually also refers to a sociopolitical structure (following Bloch) based on oaths of allegiance between lord and vassal as the primary structure of (the upper layers of) the state. This view has been strongly criticized by Reynolds, but appears to fit well the development

INTRODUCTION 7

of feudalism in the Netherlands, as we hope to show.¹⁶ However, regions with a strong feudal tradition would, as Jan de Vries has emphasized several times, have been less suitable for the development of capitalism.¹⁷ The rise of capitalism in the Netherlands would, in this view, be the result of the absence of feudalism in the areas that were later to become the core of the Dutch Golden Age. On the other hand, however, the rise of feudalism in western Europe did actually stimulate economic development: the efficient extraction of production surpluses that feudalism made possible created a relatively wealthy elite (nobility and Church), with money to buy luxury products, which gave a significant boost to international trade.¹⁸ And was feudalism really so hierarchical, anyway? The reciprocity between lord and vassal resulted in a division of power, making it possible for institutions to emerge, such as parliaments, in which this reciprocity—balance of power was expressed. And just as the feudal monarch negotiated with his vassal, he in turn negotiated with the emerging cities, which could claim a more or less autonomous position in this system. In short, perhaps feudalism provided the breeding ground for capitalism.¹⁹

The gradual replacement of the feudal economy by a capitalist economy meant a fundamental revolution in the organization of society, economically, but also socially, politically, and culturally.²⁰ There is broad consensus that a market economy can provide the sort of economic growth that Adam Smith analyzed in *The Wealth of Nations*: trade and growing market exchange lead to specialization—between regions, between urban and rural areas, between professional craftspeople—like the famous workers in the pin factory, who could become much more productive by each taking one of the tasks involved in making a pin rather than if they personally had to complete the entire production process for each pin. ²¹ This "Smithian growth" has many facets, and includes the efficiency effects of better institutions. Another famous example, by David Ricardo, concerns the Portuguese trading wine for British textiles; large productivity gains could be achieved in both countries because the relative productivity of making such goods differed strongly between England and Portugal. It is embedded in the logic of the market economy that such productivity gains be systematically identified and exploited. But is that enough to get the process of "modern economic growth" going? Smith himself was not optimistic: he believed that after a phase of growth a "stationary state" would emerge, as productivity gains became exhausted. What is more, he described Holland as the most developed economy in the eighteenth century, but at the same time an example of an economy that was approaching this stationary state.²²

8 CHAPTER 1

Marxists like Brenner argue that persistent growth requires capitalism.²³ If the majority of the population are small-scale producers—as in a peasant economy—productivity gains from market production will remain limited. It is assumed that peasants work largely to provide for their own subsistence, as a result of which the core activity—small-scale farming for food—escapes the discipline of the market. Real economic growth, therefore, requires the "primitive accumulation of capital," which means that agricultural activities take place on large, capitalistic farms that make use of wage labor. Then, when the capitalist entrepreneur takes charge, a process of capital accumulation can begin that, in this view, is the driving force behind modern economic growth. English agriculture as created by the enclosures of the sixteenth century was the model for this line of thinking.²⁴

This touches on the discussion about the nature of economic growth in the period prior to the Industrial Revolution of the late eighteenth and nineteenth centuries and the identification of the causes of this growth. ²⁵ Is this Smithian growth, the result of specialization and the improved institutions that promote increased market production? ²⁶ Or is it Marxian growth, the result of economies of scale made possible by proletarianization? Were large capitalist farms in England, for instance, far more productive than small family farms elsewhere? What is clear about the Dutch case, however, is that Malthusian forces—population growth causing a decline in availability of agricultural land and resources in general—play a very limited role in this Smithian/Marxian economy, where in the long run population growth correlates positively with economic growth (as we will see in chapter 2).

Was there a major economic cycle in the Netherlands between 1300 and 1800, with its peak during the seventeenth century? In its Golden Age of the late sixteenth and seventeenth centuries, the Dutch Republic played a leading role on the world stage: not only could the Dutch be found in every corner of the globe, they were also able to accumulate enormous wealth, making the Republic the most prosperous country in the world during the seventeenth century. But that period of economic success was followed by a period in which the Dutch Republic had to relinquish its central role, especially to the British. Was this sequel to the Golden Age inevitable, and did it lead to a downturn in the economy? Or did the trend of productivity and income growth continue after the boom? How should we interpret these patterns spatially, given that the economic center of gravity within northwestern Europe shifted from Flanders (Middle Ages) to Brabant (sixteenth century), and later to Holland (seventeenth century), and later still to England (eighteenth century)?

At the heart of the debate on capitalism is the issue of social inequality, as was highlighted by Catharina Lis and Hugo Soly in their 1979 book on poverty in preindustrial Europe.²⁷ The issue has recently returned to the political agenda following the publication of Thomas Piketty's book Capital in the Twenty-First Century.²⁸ Capitalism is associated with exploitation and unequal exchange, with the result that the poor become poorer and the rich richer. The new history of capitalism has in particular stressed the link with slavery, which is seen as a capitalist institution that played a major role in the rise of the capitalist world economy.²⁹ Did slavery play such a role in the rise of capitalism in the Netherlands? Was extreme inequality the result of this pioneering economic development by the Dutch? And in what forms did these inequalities manifest themselves? In chapter 8 we look at several dimensions of inequality to find out whether, and to what extent, it did increase. Inequality also has an important international dimension: economic expansion—Dutch capitalism—stretched far beyond the borders of the Republic, to South Africa, Ceylon (Sri Lanka), the East Indies, Surinam, and other Caribbean colonies. In a previous study on merchant capitalism, Van Zanden argued that this stage of capitalism was an open system that used the flow of cheap labor-migrants, protoindustrial workers, and slaves—to enhance its profitability and success.³⁰ Slavery on the one hand was an integral part of the system but, on the other hand, as we will see, never became an indigenous institution in the Netherlands. Slavery had a disastrous impact on the well-being of those enslaved, and on the long-term development potential of both the regions where they were captured and those where they were taken, but it hardly affected the institutions of the Netherlands itself.

The story of capitalism, according to its critics, does not end with the increase in socioeconomic inequality. Greater inequality can affect the quality of the political system, lead to corruption, result in exclusion of groups within the population, and, more generally, lead to economic and sociopolitical behavior aimed at short-term gain, at the expense of citizenship and civil society. "Greed is good" summarizes the type of behavior that, critics claim, is encouraged by capitalism. Does the triumph of capitalism lead to erosion of the values and norms that, according to new institutional economics, made that system possible?³¹

The idea that this outcome is not entirely inevitable is derived from Sam Bowles's book *The Moral Economy*, which deals with the temptations to which the "homo economicus" is exposed. An interesting example is the behavior of diplomats at the United Nations in New York, who enjoy

10 CHAPTER 1

diplomatic immunity and can therefore park their cars wherever they want.³² They do get a fine (a parking ticket) for this but do not have to pay it. Statistics on these violations have been kept for a number of years. Diplomats from some countries make heavy use of their immunity: Egypt topped the league with 140 tickets per year per diplomat; Bulgaria was a close second with 117. Yet not one Dutch or British diplomat was ever issued a ticket, nor were their Swedish, Norwegian, and Canadian counterparts. Bowles speculated that this was because of the "admirable civic cultures of many of the long-standing capitalist economies," and explicitly linked this with the long capitalist history of these countries.³³ Can capitalism, under some conditions, still coexist with good citizenship, or is it only with good citizenship from being undermined by greed and the pursuit of profit on the Amsterdam Exchange or Wall Street?

The parking behavior of UN diplomats indicates that several sorts of capitalism exist. This is the crux of the discussion about "varieties of capitalism." As new institutional economics emphasizes, markets are always embedded in a system of institutions, aimed at, among other things, increasing confidence and limiting negative excesses. However, the extent to which those aims are achieved differs from society to society, from century to century, and perhaps even from market to market. The state almost always regulates the currencies and the weights and measures used in markets, as well as the taxes to be paid on market transactions. Sometimes, however, the state—or a party authorized by the state, a city or another competent body, such as a guild or trading company—determines who can conduct which transactions; not everyone is allowed to call themselves a doctor or notary, for example. The balance between the market and other forms of coordination is different in every capitalist society, which can have major consequences for the degree of inequality that exists, since many interventions in the market are motivated by the desire to counter extreme inequality. This alerts us to the dangers of general statements about capitalism, and at the same time underlines the importance of a historical approach that can account for specifics of time and place.34

To sum up, in this book on the role of the Netherlands as a pioneer of capitalism we are interested in finding answers to a number of questions. A first set of questions deals with the "how" and "why" of the emergence of a capitalist market economy. Why was the Netherlands—a fairly marginal region of western Europe until 1300—one of the pioneers of the market economy and capitalism? What role did feudalism play as a social

INTRODUCTION 11

structure preceding this emergence? Was there a violent transition—one in which the Dutch Revolt of 1566–1648 may have played a key role—or was the rise of capitalism mainly the result of voluntary choices made by market participants? What role did civil society play? Did it precede the breakthrough of the capitalist market economy or was it actually a consequence of that development? What role did slavery play in the emergence of Dutch capitalism?

A second set of questions deals with the impact of the emergence of capitalism on the nature of society and the economy—at home and abroad. Was this pioneer of capitalism subsequently derailed by the negative consequences of rapidly increasing inequality? Was the impact of capitalism at home, within the Netherlands' borders, different from that overseas, in Indonesia, South Africa, or Surinam? Did Dutch capitalism dig its own grave? Was the relative decline of the eighteenth century a consequence of the dynamics of capitalist expansion, or should we see the problems of that century in a completely different light?

Within the overall context of capitalism, we do not regard its history in the Netherlands from a national perspective but, rather, as stage in the realization of a global process. As a short-lived leader of the budding world economy, the Netherlands played an important role in the rise and shaping of early capitalism.

We have restricted our focus in this book to the medieval and early modern periods. The history of the Dutch economy and society throughout the "long" nineteenth century (1780-1913) has already been described by Jan Luiten van Zanden and Arthur van Riel in their book *The Strictures of* Inheritance (2000), while the twentieth century is described in Jan Luiten van Zanden's Economic History of the Netherlands, 1914-1995 (1997).35 Although those two books are organized around the concept of economic growth, they can nevertheless easily be read as sequels to this book. For the present book, however, we have used the organizing principle of chronology. After a brief, quantitative overview of major events and themes in economic growth and well-being from 1000 to 1800 (chapter 2), chapters 3 and 4 sketch the emergence of the typical medieval institutions of western Europe and, more importantly, how the market economy and capitalism arose from this. Subsequently, our focus shifts to the economic acceleration of the seventeenth century, in which Dutch capitalism accelerated and developed into a pre-eminent model. But this book is also about the "political economy" of a region that would not itself become a state—and then only through political revolution—until around 1600. The Dutch Revolt, we argue

12 CHAPTER 1

in chapter 5, contributed greatly to the economic dynamism of the period that followed by giving the towns of the Netherlands their own state. The period roughly coinciding with the seventeenth century that is known as the Dutch Golden Age is analyzed in chapters 6 and 7. The legacy of Dutch medieval institutions remained visible and active even after the Revolt; to a certain extent these institutions were even consolidated and reinforced during the course of the revolution. In the last chapter we examine the consequences of Dutch capitalist expansion for different groups within the Dutch Republic and for peoples outside Europe who were absorbed into the Dutch capitalist economy.

Since the fall of the Berlin Wall in 1989 and the economic transformation of China into a market economy, one could reasonably say that capitalism is the "only show in town." There is a great deal of agreement about the benefits of this economic model: it has enabled enormous growth in the prosperity of humanity as a whole. Its major drawbacks are also easy to identify in 2022: enormous inequality, between both social classes and regions, along with depletion of natural resources. The latter is mainly a consequence of the Industrial Revolution, and for this reason we have not discussed it in this book. However, with the economic history of the Netherlands in mind we are able to comment on the former. The lack of a serious alternative to capitalism underscores the urgency for finding answers to the question of how the capitalist economic system can be improved. Knowledge of the history of capitalism offers useful material for meeting this challenge.

Two practical issues need to be clarified before we can finally launch into our story. The first is timing. This book is dealing with the country currently indicated on the world map as "the Netherlands"—officially, the "Kingdom of the Netherlands." However, a country with some resemblance to the present Netherlands emerged only in the decades around 1600, during the revolution called the Dutch Revolt. This Revolt is the subject of chapter 5, but it means that chapters 3 and 4 in particular are discussing a country that did not, as such, exist. However, its constituent parts, called "provinces" after the establishment of the country, did exist, and we will be using those as the units of analysis, not only in chapters 3 and 4 but also very often in the other chapters of the book. The second issue is geography. Confusingly, the country we are discussing in this book has been known under various names during the period covered here. Presently it is the Netherlands, but that country is also often called Holland. Between roughly 1600 and 1795 the country was known as the Republic of the Seven United Netherlands, or Dutch Republic for short. Holland was its most important province, but

INTRODUCTION 13

there were six other provinces that also participated in the Dutch Republic. Before 1600, the Dutch provinces were part of an area known as the Low Countries, which also comprised two other independent countries within the modern European Union: Belgium and Luxemburg. After the split of the Low Countries around 1600, what we nowadays know as Belgium continued as the Spanish, and later Austrian, Low Countries, after the Spanish and Austrian Habsburg dynasties that in turn ruled these parts. These were also known as the Southern Netherlands.

INDEX

Page numbers in italics indicate figures and tables.

abolition movement, British, 198 absolutism, 111, 197, 199, 204 Acemoglu, Daron: on extractive institutions, 4, 173, 184; on institutional economics, 4, 134, 170 Achterhoek, 41, 75 Act of Abjuration, 97 Admiralty, 125, 149, 150, 159 adultery, death penalty for, 133 Aelwijnszoon, Huge, 59 Aerssen, François van, 153 Aerssen van Sommelsdijck, family, 180 Africa, 206; slave trade, 139, 140 age heaping, phenomenon of, 85 agency, 38; advantages of, 209; family and household, 88; institutions, 160, 168; political, 105; slavery and, 135 agriculture: cattle ownership, 175, 175; Dutch economy and, 178; economic growth of, 184; property distribution in countryside, 174-75, 175; transition to rural market economy, 203 Alba, Fernando Álvarez de Toledo, Duke of, 94-95, 116 aldermen, 48, 59, 90, 103, 118, 120, 131, 155 Alkmaar, 64, 96; Jewish merchants and, 101; papermaking, 102 Allen, Robert: international comparative study of, 87; on real wage developments, 171 Alpert of Metz, 57, 59; on merchants of Tiel, 28–29, 201; on peace movement, 29–30 Alteration of Amsterdam (1578), 106 Amazon, river, 180 America, 206 American colonies, 139, 140; slave trade, 139, 140 Amstel, river, 46, 47 Amsterdam, 64, 73, 83, 87, 92; as center of

merchant capitalism, 161-62; chamber of

insurance (assurantiekamer), 107; city council, 106; economic growth, 20; establishing Verenigde Oost-Indische Companie (VOC), 104; guarantor for Wisselbank, 118; guilds in, 157-58; immigrants during Revolt, 100; income distribution, 172; joint venture with Dutch West India Company (WIC), 180; labor market in, 164; map in late Middle Ages, 50; marriage banns in, 162; Oude Kerk, church, 47; as Patriot stronghold, 196; private and public roles in, 152; reclamation of peat bogs, 46; shipping, 203; on slavery, 138; trade, 47 203; urban development, 46-47 Amsterdam Stock Exchange, 10, 142 Anabaptism, 86, 112-13 Ane, river, 41, 202 animal husbandry, 66 annuities, 84, 85 antiquity, 30 Antwerp, 71, 74, 87, 92, 94, 97; book printing, 23; capture by Spanish troops, 122, 161; Dutch Revolt and, 99; economic crisis, 119; economic growth, 20; economy of, 82-86, 122; grain trade, 83; labor market in, 164; sugar refineries, 102-3 Arawaks, 181 Archangel, 128, 129 artists, guilds and, 158 Asia, 178, 206; polygamy of, 132; slave labor, assurantiekamer (chamber of insurance), 107 Aurich, bakers' guild of, 157

bakers, 145, 157, 162 Baltic region, 66, 70, 82; slave trade, *140* Baltic Sea, 47, 81, 92, 103 Baltic states, 45 banal rights, 34

248 INDEX

Banco di Rialto, founding in Venice, 121 Bois-le-Duc. See 's-Hertogenbosch (Den Banda genocide (1621), 127 Bosch) Banda Islands, 136, 181 books: Bible, 86; exports of, 24; growth in Bank van Lening (city credit bank): in Amsterproduction of, 22-23; literacy and, 22; dam, 107, 120, 141; in Batavia, 131 per capita consumption of manuscript, Banten (Bantam): pangaran (judicial author-23; per capita consumption of printed, ity), 129; Sultanate of, 131; trading port of, 23; printing of, 23-24 129; war council against, 130 Both, Pieter: Banten, 130; favoring concubi-Barbados, 136 nage, 132 Basel, 113 Bowles, Sam, 9-10 Batavia, 128; Chinese community and, 131–32; Brabant, Duchy of, 217n68 Chinese massacre in, 133; establishment Brabant, Duke of, 37, 41 of, 129; inclusive institutions, 134; port, 131; Brabant, province of, 8, 32, 47, 71, 79, 82, 83, slaves in, 181; on slave trade, 141; story of, 94, 98; economic growth, 20; financing 142; VOC establishment at, 131. See also fleet of ships, 102; inhabitants of, 77; map Djacarta in late Middle Ages, 50; quota system, 107 Battle of the Ane (1227), 34 Braudel, Fernand, concept of capitalism, 119, Battle of the Golden Spurs (1302), 55 121, 204, 205 Bavel, Bas van: on capitalist market economy, Brazil: GDI per capita vs Gini index, 174; homicide rate, 26; slave trade, 139, 140; 18; on economic growth, 19; on impact of Black Death, 63; research on rise of West India Company (WIC) expansion capitalism, 87; view of capitalist developin, 139 ment, 170; on wage labor, 65 bread: market in Republic, 145-46; price of, Beeldenstorm (iconoclasm), 94, 98 150; prices for grain and, 144-45 Beemster, 38 breadwinner model, 3 Brenner, Robert, 8 beer, 2; brewing, 83, 178, 203; excise duties on, 145; export of, 70; labor for industry, Brielle, 83 184; toll, 47 Brill. See Den Briel beggars. See Sea Beggars Brothers and Sisters of the Common Life, 42; movement, 74. See also Modern Devotion beguinage, 85 Belgium, 76, 93; book production, 22; Bruges, 49, 71, 81, 82, 94, 97, 119; economic church building in, 42; consumption of growth, 20 books per annum, 23. See also Southern Brunswick-Lüneburg, Louis Ernest, Duke Netherlands of, 193 Ben Con (Su Ming-Kang), 131 Brussels, 60, 71, 94; administrative institu-Benninck, Cornelis, 86 tions, 78; land taxes, 59 Bulgaria, 10 Bergen (Norway), 128 burgervrijkorps (free corps militia), 195 Bergen-op-Zoom, 82 Burgundy: Great Privilege, 80; Holland and, Berkel, river, 45 87; proto-state, 76; tax revenues of ter-Berlin Wall, fall of (1989), 12 Better Life Initiative, Organisation for Ecoritories, 76-77 nomic Co-operation and Development, 26 Buringh, Eltjo, 22 Beverwiik, 60 butchers, 155 Bible, 74; literacy and, 24; printing press butter, 4, 66, 72 Byzant, GDI per capita vs Gini index, 174 and, 86 Bihar, GDI per capita vs Gini index, 174 Byzantium, 53 Black Death (1347–48), 16; life expectancy and, 24; population decline after, 68; Cairo, 134 Calvin, John, 113 population of Europe, 15; shock of, 63-65; wages after, 71, 87 Calvinism: capitalism and, in Dutch Revolt, Bloch, Marc, 6, 22 111-15; recognition of, 117 body height: life expectancy and, 25; tall Calvinist Church, 158, 204 Frisians, 33 Calvinists, Reformed Church and, 113-14 Boedelkamer (Orphan Chamber), 131 Campbell, Bruce, 201

INDEX 249

Canada, diplomats from, 10 Catholicism, 105; family structures, 54. Canossa, 30 See also Catholic Church Canton, 129 cattle, 30, 35, 40, 175; animal husbandry, 66 Cavazzone, Tadeo, 75 Cape, 137; Cape Colony, 127, 143; slaves and, Celebes (Sulawesi), 132 Cape of Good Hope, 102, 104, 123, 179 Ceylon (Sri Lanka), 9, 136, 179 Cape Town, 138, 142 Charlemagne, 29, 202 Capellen tot den Poll, Joan Derk van der, 193 Charles (Duke of Burgundy, the Bold), capitalism: Braudel on, 119, 121, 204, 205; 77 - 78,80Calvinism and, in Dutch Revolt, 111-15; Charles I (King of England and Scotland), 126 citizenship and, 10; civil society and, Charles V (Holy Roman Emperor), 60, 189-96; classical Marxist theory of, 6; 78-79, 81; Dutch Revolt and, 94, 107, 116 Dutch, 9, 89, 208-209; Dutch East India charters: clergy and, 30; counts of Holland, 38; monasteries and written, 53-54; Company, 122–27; emergence of, 2; excesses of, 143; family-network-based, urban, 41-49, 62; VOC and, 104, 123-26 146; feudalism and, 6; financial, 120, 121, chattel slavery, 198 142; geography and, 12, 205; global financheese, 4, 66, 72 cial crisis of 2008, 199; "greed is good" Chile, GDI per capita vs Gini index, 174 and, 9; Holland and birth of Dutch, 62-71; China, 53; Coen on community, 131-32; inequality criticism of, 169-70; laying economic transformation of, 12; GDI per foundations of, 55–57; Marx of debate capita vs Gini index, 174; GDP per capita, on, 2, 3-4; merchant, 161; Netherlands 16, 17; population, 128; porcelain, 2, 200; as pioneer of, 10-11, 199-200; new, and slaves and, 136 Dutch Republic, 147–53, 167–68, 204; Christian I (King of Denmark), 73 new history of, 9; Protestantism and, 112, Christians, 101; slavery and, 51-52, 134, 138; 116; Reformation and, 117; regions with slaves converting to, 198 high urban densities, 93; republicanism Christmas flood (1717), 169, 190 and, 192-93; rise of, 87-89; strict regula-Church: benefits of feudalism, 34-35; as tion of money market, 121; term, 2; varieecclesiastical civilizing offensive, 49-55; ties of, 145, 168; Weber on Protestantism marriage and, 52, 52-53; society and as basis for, 5 state development, 54-55; Utrecht's capitalist revolution, Dutch Revolt, 204 revival, 44 capital market, 26; confidence in, 203; develchurch building(s): growth of GDP per opment of, 65, 70; Dutch East India capita and, 22; Middle Ages, 42 Company and, 121; interest rates and, citizen(s), 84, 96, 111, 151-52, 160, 194; 65, 68, 69, 96, 119, 174, 215n24; market Amsterdam, 91, 98, 101, 157-58, 165-67; economy and, 68; of northern and southclasses of, 127-28; communes, 29, 42; ern Netherlands, 84-85; raising money County of Holland, 60, 62, 63, 69; Den Bosch, 48-49; Deventer, 195; free, 39, in, 96, slavery and, 136 Caribbean, 9, 102, 197 132, 138; freedom of, 93, 198; Ghent, 77; Caribs, 181 Haarlem and Beverwijk, 60; Informacie, 85; middle-class, 111, 196; property rights Carolingian Empire, 31–32, 39, 40, 202; of, 80; social capital and, 5-6; Utrecht, 55 decline of, 75; disintegration of, 52; fragmentation of, 56 citizenship, 9-10, 116, 147, 208; Amsterdam, Carondelet, Jan, 58 192; civil society and, 170; definition of, cashier, 119-21, 142 92; guilds and, 157, 158; oath of, 34; Porcastellum, fortified frontiers, 44 tuguese Jews in Amsterdam, 101; republicathedral(s), 22, 42, 44, 49. See also church can, 160; social capital and, 6 city council, 94, 103, 188, 191, 195; Amsterbuilding(s) Catholic Church, 126; Erasmus and, 74; dam's, 90-91, 95, 101, 118, 120-21, 157, 185, Habsburg Netherlands and, 105; Investi-196; Haarlem's, 115; influence of, 106-7; ture Controversy and, 30; Philip II and, Leiden's, 48, 102; members of, 113; Mid-93; Reformed Church and, 114; on slavdelburg, 95; orphanage, 167; religious

movements and, 115; Utrecht's, 45, 55

ery, 51–52

250 INDEX

civic militia, 5, 131, 189 Decima, 129 civilization, body height and, 25 de la Croix, David, 24 civilizing offensive, ecclesiastical, 49-55 de la Vega, Joseph Penso, 141 civil society, 11, 26, 147, 204, 209; capitalism Delft, 64, 69, 70, 83, 149, 165; banks of and, 189-96; cities and guilds in, 29, 55, exchange, 121; brewing, 203; chamber of 208; foundations of, 201-2; inequality business, 124; guilds in, 158; women in and, 9, 170-71, 205; in Low Countries, textile industry, 165 82; in Netherlands, 133; new capitalism Demmer, Gerard, 152 and, 197; progress of Republic, 160; social Den Bosch. See 's-Hertogenbosch (Den capital and, 5; western Europe, 89 Bosch) Claes, case of runaway slave, 197–98 Den Briel (Brill), 95, 149 classis, 113, 138 Denmark, 73; slave trade, 140 clergy, 128 Descrittione di tutti i Paesi Bassi (Guic-Cleyer, Andreas, 152 ciardini), 85 Coen, Jan Pieterszoon: Chinese community Deutz, Weduwe & Co, 183 and, 131-32; as director general of VOC Deutz, Willem Gideon, on Surinam investoffices in East Indies, 129-30; Djacarta ment fund, 182 and, 130-31; financing trade with Europe, Deutz family, 183 142; VOC trading monopoly in Moluccas, Deventer, 23, 61, 72, 73, 74; impact of pam-125, 126-27 phlet, 194, 195 coercion, well-being and, 26 de Vries, Jan. See Vries, Jan de coffee, 142 Deyman, Frederick, 59 Colijn, Pieter, 86 diaconia, Calvinist poor relief, 114 collective action, of merchant guilds, 29 Diamond, Jared, 190 College van Zeezaken (Tribunal for Merchant diamond cutting industry, 157 diplomatic immunity, United Nations and, Marine Trading), 107 Cologne, 49, 72 9 - 10commoners, 128 Dirk III (Count) of Holland, 28 common land, management of, 40-41 Dirkzoon, Willem, 59 communes, Italian cities into, 42; merchant Djacarta (Jacarta, Jakarta), 129; Coen and, organizations, 29 130-31. See also Batavia concubinage: Both favoring, 132; slavery Dordrecht, 36, 62, 64, 96, 149; map in late Middle Ages, 50; tax burden of, 59 and, 133 consultation economy, 202 Dorestad, 44; map in late Middle Ages, 50; coordinated market economies, 115, 146, 147, trade, 62 drainage boards, 189-90, 191-92 coordination, 10, 38, 69, 110, 195, 206 Drenthe, 50; agriculture in, 39-40; farming population, 33; feudal rulers of, 34; guilds cope, contract, 36, 39 in, 156; inhabitants of, 55-56; literacy in, Cornelissing, Vincent, 58 24; map in late Middle Ages, 50; property Council, Secret, 78 council, town, 106 distribution, 175; shifting between feudalism and freedom, 34; standard of living Council of Finances, 78 Council of State, 78; implementing policy, 148 indicators, 176; tax revenues, 108, 109 Council of Troubles, 94 Duby, Georges, 201 Court, Allard de la, 183 Dutch capitalism, 9, 208-209 Court van der Voort, Pieter de la, 183 Dutch East India Company. See Verenigde craftsmen: as guild members, 192; Utrecht, 45 Oost-Indische Companie (VOC) crime. See security and crime Dutch Golden Age, 7, 8, 12; contribution crisis of the late Middle Ages, 61, 66 of immigrants to, 99-100; economic Crusades, role of Frisians in, 33 growth, 21; economic growth of, 17-18; Cummins, Neil, 24 growth potential of, 168; inequality of, 171; shipbuilder creating fluyt, 154 Dam Square, Amsterdam, 46 Dutch-Hanseatic war (1438-41), 73 Danzig (Gdańsk), 91, 92, 128 Dutch investors, British bankers and, 183

INDEX 251

Dutch masters, 158

Dutch Republic: Admiralties of, 150; aspects of political economy, 147; economic growth in eighteenth century, 177-84; elite and ruling families of, 184-87; entrepreneurship and the guilds, 153-60; Forty Years' War, 187; merchants and entrepreneurs among richest inhabitants of, 186, 186; migration from south to north, 100; military debts of, 187; new capitalism and, 147–53, 167–68; poor relief and the labor market, 161-67; productivity growth, 18; public-finance system, 188; quality of governance, 188-89; relinquishing role, 8; Republic of the Seven United Netherlands, 12, 92, 105, 206; role on world stage, 8; spread of variability of tax revenues per capita, 108, 109

Dutch Revolt, 11–12, 18, 71, 80, 84, 91, 93, 122; Calvinism and capitalism in, 111–15; Charles V and, 94, 107, 116; economy and revolution (1585–1609), 98–104; Holland Zeeland cooperation, 204; institutions of, 105–11; Philip II and, 94–98, 115, 116, 117; pull factor attracting newcomers from south, 101–2; pull factor concentrating migrants in west, 100–101; push factor of migrants, 99–100; Sea Beggars and, 111, 116, 117; state formation, 209; William of Orange and, 97–98

Dutch West India Company. See West-Indische Compagnie (WIC)

East India Company (EIC), England, 125–126

East Indies, 3, 9, 125, 127, 129, 138, 208 economic decision-making, market and nonmarket, 3

economic growth, 2, 4, 6, 102; concept of, 11; distribution across country, 156; in eighteenth century, 177–84; guilds and, 159; income and wealth inequality, 171–84, 196; measures of well-being, 21–27, 176; modern, 7, 8, 20, 205, 209, 211n1; people and GDP, 14–21; of Republic, 169–70; Smithian, 7, 8

economy: on capitalist economies, 145–46; coordinated market, 146; external shocks as "great levellers" of, 170; growth pattern in eighteenth century, 177–84; liberal market, 146; revolution and (1585–1609), 98–104; slave-based, 135–36

Edam, 47, 85, 96 Edict of Nantes, 161 education: Bible and, 115; book printing, 74–75; economic growth, 20; Latin School, 74, 115; literacy and, 24; literacy levels, 85; Modern Devotion movement and, 86; state-organized, 24; training opportunities and, 155; writing and arithmetic, 54

Egypt, 10

Eighty Years' War, 93. *See also* Dutch Revolt Emmer, Pieter, 139

Emo, abbot of Wittewierum, 33–34, 35 enclosures, 3, 8

England, 8, 21, 35, 62, 64, 70; Black Death and, 63; Dutch contacts with bankers in, 183; East India Company (EIC), 125–126; GDI per capita *vs* Gini index, *174*; GDP per capita, 16, *17*; income inequality, 173; migrant communities, 99; productivity of, 7

Enkhuizen, 47, 64, 96; VOC chamber,

Enlightenment, 19

entrepreneurs: guilds and, 153–60; merchants and, among richest Republic inhabitants, 186, 186; start-ups and, 155; VOC changing behavior of, 179–80

Epstein, S. R., 65, 93; contrasting monarchies and republics, 110–11; on economic policies, 167; on guilds, 156

Erasmus of Rotterdam, 74

etsenstoel, local assembly, 34

Europe: big boom economy of Middle Ages, 63; Black Death and, 63–65; book production, 22–24; evolution of church building in, 22; homicide rate, 25–26; institutional development, 54; knowledge economy, 54; major cities, 49; medieval, 5; monogamy as norm, 132; social classes in, 128. *See also* western Europe

export industries, Holland, 70–71 extractive institutions, 4 *extranei*, foreign merchants, 49

factory, 185; pin, 7; trading post, 45, 125, 129, 142, 179 family government, 151 famine, 63, 99, 132

Far East, sale of commodities from, 123 farmers: livestock products, 4; marketplace, 89; products in Holland, 4; small-scale republics of, 32; water management, 190, 193

farming: crisis in arable, 68; decline of arable, in Holland, 65–68; peatlands, 66

252 INDEX

feudalism: benefits, 34-35, 35; capitalism free north, feudal south and, 33 as emerging from, 6; characterization free riding, 73, 150 of, 201; churches and, 201; Dutch, 202; French Revolution, 4, 184 European, 34; France as region of clas-Friesland, 79, 97; annexation of, 94; guilds in, 156; management of, 149; map in late sic, 22; freedom or, in the Netherlands, 30-41; pledge of reciprocal allegiance, Middle Ages, 50; paying quota, 150; pub-202; property rights, 54; surplus extraclic trust, 188; quota system, 107; Reformation at core of, 6; transition to market tion and, 86; standard of living indicators, economy, 202-203 176. See also Frisia feudal south, free north and, 33 Frisia: farming population, 33; freedom of, financial capitalism, 120, 121, 142. See also 6, 31, 35, 202; merchants of, 35; trade of capitalism free Frisians, 56 Finland, 45 fishing, 36, 46, 60, 68, 70, 83, 117 Gdańsk. See Danzig (Gdańsk) Flanders, county, 8, 32, 47, 64, 67, 70, 71, 79, Gelderland, 79, 97; annexation of, 94; counts of, 75-76; public trust, 188; standard of 81, 92, 94, 98; church building, 22; economic growth, 20; guilds seizing power living indicators, 176; state formation in, in, 55; importance of trade, 49; inequality 76. See also Gelre trend, 173; inhabitants of, 77; interest Gelre, Count of, 72 rates of, 84; king of France and, 32; land Gelre, Duchy of, 46, 58, 75, 76, 79; map in ownership, 190; on water management, late Middle Ages, 50 190 Gemeynten, land management, 41 flax, 66 gender; inequality and well-being, 26, 205; flood(s): avoiding, 31; Christmas of 1717, 169, labor and, 133; slavery and, 21 190; Frisian heartland, 35; large-scale, 37, Geneva, 113 Genoa, 119, 122; financial hub, 119 98; Saint Elisabeth's, 66; settlements, 46; water management and, 191 Gentlemen XVII. See Heren XVII Florence, 82, 93, 119, 204; GDI per capita vs geography, 12; capitalism and, 12, 205 Gini index, 174 Germany, 78, 169; bakers' apprentices, 157; Floris V (Count of Holland), 39, 47, 62 consumption of books per annum, 23; fluyt: shipbuilding, 154, 159, 164; shipbuild-Frisians and trade, 35; GDP per capita, ing technology, 102 16; guilds in, 156-57; Lutheranism, 86; Forty Years' War, 187 migrant communities, 99. See also Holy Fourth Anglo-Dutch War (1780-84), 183, 193 Roman Empire France: church building in, 42; consumpgeus (beggar). See Sea Beggars tion of books per annum, 23; Flanders Ghent, 49, 71, 78, 81, 94, 97; citizens of, 77; and king of, 32; Forty Years' War, 187; economic growth, 20 Frisians and trade, 35; GDI per capita vs Gini coefficient: cattle ownership, 175, 175; Gini index, 174; GDP per capita, 16; grain income distribution, 172, 173, 174 from, 66; population, 177; slave trade, 140 global financial crisis (2008), 69, 120, 199 Francis, Duke of Anjou, 90 Glorious Revolution, 4 Franks, 45 Goens, Rijklof van, 151-52 Frederick Hendrik, Prince of Orange, 153 Goldstone, Jack, 19 free corps, 195. See also civic militia Goody, Jack, 53 freedom(s), 30, 93, 143, 194; acquisition of, Google Maps, 21 Gorinchem, 96, 149 48, 80, 117; of cities and territories, 81; defending local, 116; development of, 21, Gouda, 64, 70, 83, 96, 97; brewing, 203; 180; of Dutch, 208-209; feudalism and, "capitalists" in, 151; entrepreneurs of, 155; 34, 89; Frisian, 6, 31, 33, 35, 202; ideolfood riots in, 166; pipe manufactories ogy of, 137, 160; mythical freedom fightin, 159 ers, 129; personal, 198; religious, 112-14, Gouwe canal, 62 117, 204; risking lives for, 91; slaves and, grain trade, 83, 91-92, 101 Great Britain, 8, 10, 130, 201; abolition 134, 137, 138 free market: Dutch version of, 2; vrijmarkt, 1 movement, 198; consumption of books

Hall, Peter A., 145-46

INDEX 253

per annum, 23; government bonds, 183, 186; missionaries from British Isles, 44; monarch, 4; peasant farmers in, 3; population, 177; slave trade, 140; textiles, 7 Great Council of Mechelen (Grote Raad van Mechelen), 76, 80, 136, 138, 198 Great Famine (1315-17), 63 great levellers, economic shocks as, 170 Great Privilege, 80 Groningen, 50, 79, 97, 149; agriculture, 169; annexation of, 94; guilds in, 156; map in late Middle Ages, 50; quota system, 107; Reformation and, 86; standard of living indicators, 176; on water management, 190 Groningen, city of, 34; map in late Middle Ages, 50; gross domestic income (GDI), GDI per capita vs Gini index, 173, 174 gross domestic product (GDP): "beyond GDP" debate, 14, 21; Black Death and, 64–65; development of GDP per capita and arable output, 67; GDP per capita and real wages of unskilled laborer, 87, 88; hallmark of market economy, 205; people and, 14-21; poor relief as proportion of, 167; subsistence minimum and, 173 Grote, Geert, 74 Grote Waard, 66 growth. See economic growth Gudelinus, Petrus, 137 Guelders. See Gelre Guicciardini, Lodovico, 85 guild(s), 128; art and, 158; bakers, 157; citizenship in, 157-58; craftsmen and, 192; economic role of, 159-60; entrepreneurship and the, 153-60; links to civil society, 192; merchants, 29, 45; openness of Amsterdam's, 157-58; painters, 158; partnerships of, 55; revolution, 45; ribbon-making industry, 154; role of, 156; servants, 192; shipbuilding, 159; silk industry, 153; tailors, 192; water management and, 197 Guild Letter, Utrecht, 45, 55 Gutenberg, Johannes, 74

Haarlem, 58, 59, 60, 64, 69, 70, 83, 85, 96, 100, 101, 113; city council, 115; linen, 103; Reformed congregation, 115
Haarlemmermeer, 47
Habsburg dynasty, 13
Habsburg Empire, 60, 92; silver and gold, 119
Haeff, Adriaen Heindricxsen ten, 134, 137

Hals, Frans, 158; as immigrant, 103 Ham, son of Noah, 139 Hamburg, 62 Hanseatic League: as alliance of traders, 72-73; Amsterdam, 47; Baltic Sea, 81; commercial network, 46; establishment of, 128; growth of, 72 Heemraden, dike boards, 37 Hendricxz, Jacob, 59 Henry III (Holy Roman Emperor), 34 Henry IV (Holy Roman Emperor), 30 Henry VIII (King of England), 112 Heren XVII (Gentlemen XVII), VOC central administrative board, 124, 194 Hermanszoon, Pieter, 59 's-Hertogenbosch (Den Bosch), 82; city charter of, 48; disturbance of peace in, 48-49; map in late Middle Ages, 50 Hoge Raad (Supreme Court), case of Claes (enslaved), 197-98 Holland, city of, conflict in, 55 Holland, Count of, 37, 47; claiming wastelands, 202-203 Holland, County of, 8, 12, 37, 79, 171; Amsterdam, 47; arable farming decline in, 65-68; balance of local and national interests, 150-51; birth of Dutch capitalism, 62-71; Black Death as shock, 63-65; bread prices, 145; butter war, 72; collective responsibility of debt, 69-70; country, 12; developed economy of eighteenth century, 7; economic growth, 176-77; economics of, 8; emigrants in, 99; experience in international trade, 103-4; export industries of, 70-71; finance and economics, 60-61; financial crisis, 59, 59-60; financing fleet of ships, 102; GDI per capita vs Gini index, 174; GDP per capita, 16, 17; of German Empire, 32; grain trade, 92; growth of capitalist market economy, 20; growth spurt of, 71-75; guilds in, 156; income distribution, 172; income inequality, 173; income inequality in, 208; Informacie report, 59-60, 63, 67, 82, 84, 85; livestock products in, 4; major cities of, 96; map in late Middle Ages, 50; mixture of feudal and free structures, 56-57; occupational structure of workforce (1514), *61*; peatlands of, 36; population, 181; printing of books, 23–24; property rights in, 69; province of, 12; quota system, 107; reclamation of peat bogs, 36, 50; state formation, 75-82; structure of

254 INDEX

Holland, County of (continued) economy of, 70; taxation system, 97-98; tax revenues, 109; tax riots, 188-89; tolls in, 47; Treaty of Westminster and, 148; urban economy of, 18; urban elites in country houses, 25; urbanization of, 63-64; urbanization rate of County, 15-16; urban ruling families, 186; viability of fiscal system, 188 Holland, States of, 60, 96, 97; budget and, 107; charter for trading companies, 123-24; management of, 149; organization of, 106; patents and, 154; taxation system, 107–10 Holy Roman Empire, 76; authority of, 32; Charles V (emperor), 60, 78-79, 81; charters in, 42; collapse of, 41; emperor of, 28; Investiture Controversy, 52; Low Countries within, 78; selection of emperor for, 53. See also Germany homicides, security and crime, 25-26 Hommius, Festus, 129 homo economicus, 20 Hondschoote, 83 Hooft, Cornelius Pieterszoon, 90; advocating for "free" form of government, 92-93; family of, 90-91; on Prince William of Orange, 91, 111; protest of, 98; vision of, 116 Hook and Cod wars, 69 Hoorn, 64, 96, 185; chamber of business, 124 Hoorn, Joan van, 151 Huguenots, refugees from France, 155, 161, 180 human capital, 85; industry and, 155 Human Development Index: life expectancy, 24; well-being measure, 88 husbandry. See cattle Huybrechts, Jan, 86

Iberia, consumption of books per annum, 23 iconoclasm. See Beeldenstorm (iconoclasm) IJ, sea arm, 24, 31, 32, 38, 62, 202 IJssel, river, 31, 45, 61, 72 inclusive institutions, 4, 134, 170 income distribution: Gini coefficient, 172, 173, 174; inequality, 171–77. See also inequality incunabula, printing of, 74 India, 53, 136; GDI per capita vs Gini index, 174; GDP per capita, 16

Indonesia, 11, 122, 127, 136, 137, 143. See also East Indies

Industrial Revolution, 8, 12, 14, 16, 209; Dutch Republic and, 153, 156; economic growth after, 18; life expectancy and, 24 inequality: capitalism and, 169–70; development of income, in Holland, 208; Europeans and indigenous populations, 127–28; income and wealth, 171–77; networks in market economy, 204–205; property distribution in countryside, 174–75, 175; standard of living indicators by province, 176; urbanization and, 196

Informacie, city committee, 59–60, 63, 67,

Informacie, city committee, 59–60, 63, 67, 82, 84, 85

innovation, 20, 38, 145; administrative, 76; guilds and, 156, 158; institutional, 78, 118, 141, 177, 207–208; military, 78; painting, 103; religious and educational, 74; shipbuilding, 159; technical, 104, 153–54, 177

institutional economics, 4–5; markets and, 10; themes of new, 4

interest-bearing loans, 84

interest rates, 64, 203; Austrian government and, 183; capital market and, 65, 68, 69, 96, 119, 174, 215n24; quality of institutions and, 68–69; Dutch and British bonds, 186; in Flanders, 84; quality of institutions and, 68–69; States General and, 177, 187; States of Holland, 109

Investiture Controversy, 30, 52, 53 iron law of oligarchy, 32 Islam, slavery and, 51 Israel, Jonathan, 177

Italy, 52, 78; Black Death and, 63; church building in, 42, 43; cities developing into communes, 42; city-states of, 82; consumption of books per annum, 23; GDP per capita, 16, 17; grain trade, 92; independence of cities, 93; inequality trend, 173; major cities, 49

Jacob, Ibrahim ben, 30–31 Jacobsen, Theodore and Jacob, 183 Jacobszoon, Jacob, 59 James I (King of England and Scotland), 126

Japan, 53; GDI per capita *vs* Gini index, *174*; GDP per capita, 16

Java, 173; GDI per capita vs Gini index, 174; peasant economy, 3; Java, island, establishment of Batavia, 129; families, 129; Pasisir, 133; population, 133–34

Jews, 101; diamond sector and, 157; merchants, 205; Portuguese, 101, 180; self-government of, 128; Sephardic and Ashkenazy, 128

John of Salisbury, 53

INDEX 255

Kampen, 61, 72, 73 London, 20, 21, 49, 128, 205; Dutch con-Kennedy, Paul, 177 tacts, 183 Kenya, GDI per capita vs Gini index, 174 Louis XIV (King of France), 187 Kerckhoven, Melchior van den, 134 Louvain, 71 Khoikhoi people, southern Africa, 127, 143 Low Countries, 13; book printing in, 23; Kingdom of the Netherlands. See capitalism in, 64-65; Dutch Revolt of, 93; Netherlands ecclesiastical institutions in, 42; grain trade knowledge economy, 54 and, 92; homicide rate, 26; legal status of Kuznets, Simon, 16 slaves and slavery, 136-37; power sharing, 52; process of urbanization, 41; state labor market: marriage banns and, 162; poor formation in, 79–82 relief and, 161-67; self-employed workers, Low Countries' Paradox, concept of, 207-208 162-63; wages and, 163-65 Lübeck, 72, 73 labor productivity, 164, 175, 175 Luther, Martin: popularity of, 86; Reformaland reclamation projects, 126 tion and, 112-13 land tax: distribution of, 58, 59; verponding, 58 Lutheranism, 86 Lateran Council, 52 Latin school, 74, 115. See also education Maas, river, 31. See Meuse, river Lauwerszee, 32 Maastricht, 41; growth of, 50; map in late leather printing, 154 Middle Ages, 50 Le Fevre, Roelant, 58 Maat, George J. R., 25 Leiden, 64, 69, 70, 96, 100, 113; city charter, McBride, Michael, 55 48; city council, 106; draft of pamphlet, madder, 178 195; entrepreneurs of, 155; food riots in, Maddison, Angus, 16 166; map in late Middle Ages, 50; new oli-Maghreb, GDI per capita vs Gini index, 174 garchy of, 185; political protest pamphlet Mainz, 30 in, 185; private and public roles in, 152; as Malines, 71 textile center of Europe, 158–59; textile Malthus, Robert, 8, 20, 64 industry, 67, 83, 183, 203; wealth distribu-Mardijker, 132 tion, 172; wool, 70, 103 Margues, Guillaume de, 58 Lek, river, 62 marken: common land management, 40-41; Le Maire, Isaac, 125 Netherlands, 55 Leon, Spain, 53 market, coordination in capitalist society, 10 liberale gift (1748), 189. See also taxation market economy: gross domestic prodliberal market economies, 146 uct (GDP) per capita as hallmark, 205; Licandro, Omar, 24 inequality of networks in, 204-205; term, 2: transition to, 203 life expectancy: body height and, 25; health Maroons: escaped slave communities, 180-81; and, 26-27; security and crime, 25-26; uprising in Surinam, 182-83 well-being and, 24-25 marriage: banns in Amsterdam, 157, 162; Lijn, Cornelis van der, 151 Church and, 52-53; guilds and banns, Limburg, standard of living indicators, 176 155; literacy and, 88; norms, 132-33; Lindert, Peter, 168, 173 system for human capital formation, 24; linen industry, 70, 103. See also textile well-being and, 26 Marx, Karl: Communist Manifesto, 146-47; industry Lis, Catharina, 9 concept of capitalism, 119; criticism of cap-Lisbon, 122 italist market economy, 2; Das Kapital, 3; on Dutch of mid-seventeenth century, literacy, 22, 112; Amsterdam, 88; in Holland, 85; levels of, 24, 115; Netherlands, 175, 161; economies of scale, 8; founder of 176; outside church and monasteries, 30; debate on capitalism, 3-4, 89; theory on capitalism's emergence from feudalism, in women, 26 livestock. See cattle 6; Verelendung hypothesis of, 170 living standards, well-being and, 26-27 Mary (Duchess of Burgundy), 80

Mataram, 133

locators, project developers, 36, 39

256 INDEX

Maurice of Nassau, 126 Maximilian of Habsburg, 60, 69, 76, 77, 78, 81 Mechelen, 77; Great Council of, 76, 80 Medemblik, 47, 96 Medici family, 82 Mediterranean, 51, 92, 101-2, 136 Meente, meeting of farmers, 32 Melanchton, Philip, 86 men. See gender mercantilism, economic policy of, 187 merchant(s): communes of, 29; entrepreneurs and, among richest Republic inhabitants, 186, 186; financial capitalism, 120; guilds, 29, 45; of Tiel, 28-29; Utrecht's, 44-45; writing and arithmetic, 54 merchant capitalism, 9 merchant fleet, 68, 73, 83 merchant guild, 29, 55, 72 Meuse, river, 32, 83, 149, 202 Mexico, GDP per capita, 16 Middelburg, 69, 92, 149; bank of exchange, 121; slave-free status, 137 Middle Ages: church building in, 22; collective action of, 29; conflict in cities, 48; crisis of late, 66; developments in High, 55; homicides in, 26; map of northern Netherlands in late, 50; position of women in Netherlands, 26 Middle East, 19, 51, 122 migration, 18, 99-100, 132, 162, 215n20 Milanovic, Branko, 173 military debts, Dutch Republic, 187 military efforts, taxation and, 207 military might, capitalism and, 206 militia. See civic militia mills: paper, 154; sawmills, 154; windmills, mobility, economic growth, 20 Modern Devotion movement, 42, 74, 112 Moluccas, 179; competition for spices, 123; VOC trading monopoly in, 125 Monnickendam, 47, 96 mottes, ring-shaped fortresses, 32 Münster rebellion (1535), 112-13 Muslims, slavery and, 51 Naples, GDI per capita vs. Gini index, 174

natural gas, 184
Nederveen Meerkerk, Elise van, 163
nepotism, 185
Netherlands: Black Death impact, 63–65;
book production, 22–23; church building in, 42, 43; cities in, 49; consumption
of books per annum, 23; development

of feudalism in, 6-7; economic book of eastern, 73-74; estimates of population (950–2000), 15; farming population, 33; feudalism or freedom in countryside, 30-41; GDI per capita vs Gini index, 174; homicide rate, 25-26; ideology of freedom, 137; laying foundations of capitalism, 55-57; map of northern, in late Middle Ages, 50; as pioneer of capitalism, 10-11, 199-200; population, 177, 181; population of year 1000, 31; position of women in late Middle Ages, 26; slavery and, 9, 207; slave trade, 139, 140; standard of living indicators by province, 176; States in, 79; transition from feudalism to capitalism, 6; on world map, 12 new capitalism, Dutch Republic and, 147-53, 167-68 New Drapery, 159. See also textile industry new institutional economics (NIE), viii, 4, 9, 10, 55, 170, 200-201, 207 New Jerusalem, Anabaptists, 112 New World: slave trade, 139, 141. See also America Nicholas, Saint, 46 Nieuwezijds Huiszittenhuis, poor relief, 166 Nijmegen, quarter of, 75 Nijmegen, town of, 41, 46, 76; map in late Middle Ages, 50 nobility, 128; benefits of feudalism, 34-35; families, 82 Norman Conquest (1066), 201 North, Douglass: on civil society and social capital, 5; on Glorious Revolution, 4; on institutional economics, 4, 170; on new institutional economics (NIE), 200-201; on quality of institutions, 68, 68-69; state as potential predator, 5 North Holland, standard of living indicators, 176. See also Brabant North Sea, 103, 197; Dirk III controlling access, 28; economic growth, 21; Frisians excelling in trade of, 35 North Sea region, economic growth, 20-21 Norway, 10 Nueva España, GDI per capita vs Gini index,

Ogilvie, Sheilagh: on economic policies, 167; on guilds, 156 Old Castille, GDI per capita *vs.* Gini index, *174* Oldenbarnevelt, Johan van: advocating popular capitalism, 124; negotiations by,

numeracy, 54, 160

INDEX 257

123; on quota system, 107; trading initiafinancing military campaign, 119; slavery tive, 104 and, 137 oligarchy: iron law of, 32; new, in Leiden, 185 Piketty, Thomas, 9, 170 Orange, House of, stadtholders from, 148-49 Pinker, Steve, 26 Ordinance of Labourers, 63 Pirenne, Henri, 93 Organisation for Economic Co-operation and Pisa, 82 Development, Better Life Initiative, 26 Placard of Abjuration, 90 Orinoco, river, 180 plague, 16, 24, 64. See also Black Death Otto I (Holy Roman Emperor), 30 plantation(s): Caribbean, 197; economy, Otto III (Holy Roman Emperor), 28 139, 178, 180-83; loans, 187; slave-based Ottoman Empire, 16, 53 economies, 171, 184 Oude Kerk, church, Amsterdam, 46-47 Pleijt, Sandra de, 20 Oude Rijn, river, 37, 44 Poelgeest, Gerrit van, knight and lord of Hoichtmaede, 59 Oudewater, 96 Outshoorn, Willem van, 151 Pol, Lotte van de, 162 Overijssel, 50, 79; annexation of, 94; impact Poland, 16, 92 of pamphlet, 194; map in late Middle Ages, political economy, 11, 70, 82, 147, 200 50; public trust, 188; standard of living poor relief: compulsory labor from inmates indicators, 176; tax revenues, 108, 109 and, 166-67; funding, 165-67; labor Overkwartier, 75 market and, 161-67; Nieuwezijds Huiszittenhuis, 166; organization of, 164-65; painting industry, 21-22, 103 Roman Catholic office, 165-66; social papermaking, 154; paper manufacturers, services, 164, 167; voluntary contribu-102; paper mills, 154 tions, 165-66 Paping, Richard, 14 porter, citizen, 48. See also citizen(s) Paramaribo, 143 population: Black Death and, 15, 68; China, Paris, 49 128; farming, 33; France, 177; Holland, 181; parliament(s), 111, 189, 197, 202; England's Netherlands, 14, 15, 31, 177, 181; United Parliament, 126, 183; medieval, 77, 79; Kingdom, 177; Zutphen, 46 modern (Leon), 53; national, 89; States Portugal: annexation of, 122; GDP per cap-General as real, 77 ita, 16; grain trade, 92; productivity of, 7; participation, political, 26, 205 slave trade, 140 power sharing, political and religious, 52 Pasisir, 133 patent, 102, 154 Priangan, 133 patrimonial state, term, 151 primitive accumulation: Marx on, 3; real economic growth and, 8 Patriot(s), 196; movement, 197, 208; republicanism of, 195; Revolution, 195 printing press: Bible, 86; books, 74-75 Protestantism, 5, 92; capitalism and, 112, 116; Peace and Truce of God (Pax et treuga Dei) Weber on, as basis for capitalism, 5. See movement, 52; law and order for, 29-30 also Reformation; Reformed Church Peace of Breda (1667), 180 Peace of Munster (1648), 147 Prussia; army, 197; education, 24 public debt, 84 peasant economy, 3; small-scale producers, 8 public finance, 84, 150, 188 peasants, 6, 8, 128, 133, 203, 211n13 peat: bog draining, 36, 50-51, 56, 57, 66; publishing industry, 155, 160 cutting in western Netherlands, 31; envipurgatory, concept of, 55 ronmental crisis in districts, 89; reclama-Purmer, 38 tion model of, 37 Putnam, Robert D., 5, 6, 201 Peru: GDI per capita vs Gini index, 174; GDP per capita, 16 Qing period, 16 Philip, Duke of Burgundy (the Good), 76, 87 Quakers, 198 Philip I (King of Castile) (the Handsome), Raad van State (Council of State), 148 Philip II (King of Spain), 90, 92, 93, 160; Randstad, economy, 178 Dutch Revolt and, 94-98, 115, 116, 117; Ranst, Constantin, 152

258 INDEX

Rasphuis, 166 sawmill(s), 154; invention of, 102. See also mills Reconciliation of Delft (1428), 69 Scandinavia, 35, 162; Lutheranism, 86 Reformation, 74; capitalism and, 117; Schagen, 64 embrace of, 86; labor market after, 164; Scheidel, Walter, 170 literacy and Bible reading in, 24. See also Schermer, 38 Protestantism Schiedam, 149 Reformed Church: Calvinist and, 113, 114; Schoonbeke, Gilbert van, 83 council about Catholics, 115; council of, Schoonhoven, 64 116; privileges in Haarlem, 115; Protestant Schulz, Jonathan, 54 church, 112; on slavery, 138 Sea Beggars: blockading Baltic trade, 99; regent (town councillor), 150, 152, 166, 185, demands of, 95-96; Dutch Revolt and, 111, 116, 117; geus (beggar), 91 Reinoud I (Count of Gelre), 75-76 Secret Council, 78 security and crime, well-being and, 25-26 religious minorities, 128 Rembrandt van Rijn, 2, 158 Seine, river, 6, 32 Renaissance, 30, 43 Sen, Amartya: on economic development, republicanism, 92, 160; capitalism and, 21, 135, 136; negating "development as 192-93 freedom" of, 184; well-being measure Republic of the Seven United Netherlands, 12, 92, 105, 206. See also Dutch Republic serfdom, coercion of, 26 republics, small-scale farmers, 32 sexuality: concubinage and, 132-33; norms, res publica mixta, Dutch Republic's constitu-132 - 33tion, 110 Sforza family, 82 Reynolds, Susan, 6 shareholder, 122, 124-26, 142, 179, 194, 197 Rhine, river, 6, 31, 32, 45, 49, 56, 72, 202 shipbuilding industry: fluyt, 154, 159, 164; guild members, 159; technology of, 102 Rhineland (Germany), 22, 42, 46, 52, 62, shipping: export industries, 70-71; trade 72,74 Rhineland (Holland), 38, 62 and, 83-84, 178-79 ribbon-making industry, 154 Siam, GDI per capita vs Gini index, 174 Ricardo, David, 7 Siau island, 132 Richardson, Garv, 54 silk industry, 153, 160 Riederwaard, 66 Sinhalese, 132 Riel, Arthur van, 11 Slackebaarts, Hendrikje, 165 Rijnsburg, 36 slavery, 127, 134-41, 208-209; Atlantic Rijnse Vaart, river, 62 economy, 181; case of Claes (enslaved), 197-98; chattel, 198; Christians and, River Area, powerful noble elite in, 35 138; Church's stand on, 51-52; coercion Robinson, James C.: on extractive institutions, 4, 173, 184; on institutional economics, of, 26; Dutch capitalism, 135; Dutch 4, 134, 170 economy and, 197-98; Dutch norm of no, Roermond, 46 132; impact of, 27; Islam and, 51; large-Roman Empire, 129, 173 scale, 136; legal status of, 136-38; Moren Rome: authority of papacy in, 52; Church's (ship), 134; Netherlands and, 138-39; stand on slavery, 51–52; GDI per capita vsNetherlands as slavery-free society, 207; Gini index, 174; slaves and, 136 plantation economies, 181, 182, 184; plan-Rossum, Matthias van, 141, 181 tation economies of, 171; property rights Rotterdam, 64, 96, 101, 149; banks of and, 137-38; slave-based economy and, exchange, 121; chamber of business, 124; 135-36; Trans-Atlantic Slavery Project, 139, 140; violence and, 135, 206; wellcity council, 106; guilds in, 158 being of enslaved and, 9 Ruiters, Dierik, 138 Russia, 102, 168 slaves: citizens and, 5-6; Maroons, 180-81; Netherlands economy and, 181-82 Saint Elisabeth's flood (1421), 66 Smith, Adam: on market economy, 7, 19; Salland, 41 stationary state of economies, 18; on taxa-San people, southern Africa, 127, 143 tion burdens, 187

INDEX 259

Smithian growth, 7, 8. See also economic Sweden: Black Death and, 64; consumption growth of books per annum, 23; diplomats from, soap boiling industry, 154 10; education, 24 social capital, citizenship and, 5-6 "Sworn of Drenthe", community of, 34 Society of Surinam, 180, 182 Soens, Tim, 190 Tamil, 132 solliciteurs-militair, paying troops, 149 taxation, 4; centralized state and, 116; common means, 96, cooperation between Soly, Hugo, 9 Somersett case, chattel slavery, 198 provinces, 188; Holland's, 97, 108, 189; Sonderweg, 63 of income and assets, 189; no, without Soskice, David, 145-46 representation, 79; provinces and, 107–8; South Africa, 9, 11, 208; homicide rate in, shifting burden of, 187-88; standard 25. See also Cape Colony; Cape of Good system of, 97, 105, 207; warfare and, 202; zetters (wealth-tax), 59 South America, plantation economy, 178 tax farming, 189 Southern Netherlands, 13, 39, 70, 80, 82-85, tax riots, 188-89 100, 104, 105, 145, 147, 158, 161, 201, 205, technology, 19, 209; papermaking, 102; print-206. See also Belgium ing, 74; publishing, 160; shipbuilding, 102 South Holland: madder crop, 178; standard Temple, William, 147-48 of living indicators, 176 terpen, man-made mounds, 31 Spaarndam, 62 Texel, 102 Spain, 78; Black Death and, 64, 65; consumptextile industry, 67, 103, 142, 178, 203; comtion of books per annum, 23; GDP per pulsory work-houses, 166-67; entreprecapita, 16; Genoa as financial hub, 119; neur, 183; female labor in, 165; labor in, grain trade, 92; peace treaty with, 147; 184; Leiden as important center, 158-59; slavery and, 137; slave trade, 140; Twelve linen, 70, 103; madder, red dye for, 178; Years' Truce with, 116, 118 ribbon-making, 154; silk, 153; textiles, 83, speculation, 118-20, 122, 125, 141 203; wool, 70, 103 Speelman, Cornelis, 151 Thailand, 136 Spinhuis, 166 The Hague, 58, 64, 70, 110, 158 Spinoza, Baruch de, excommunication Thomas à Kempis, 74 Tiel: map in late Middle Ages, 50; merchant (1656), 128standard of living, security and crime, 25-26 guild of, 72; merchants of, 28-29, 35; trade, Stasavage, David, 110-11 62; trading city, 31 state formation, 32, 56, 60, 71, 75-82, 97, Tielhof, Milja van, 190-91 Tilly, Charles, 168 110, 168, 206 States General, 105, 106, 107, 110, 124; banktolerance, 86, 113-17, 204 ruptcy of, 187; decision on slaves, 198; Tortosa, 30 To the People of the Netherlands (pamphlet), handling disputes, 135; interest payments and, 177; patents and, 154; policy with 193, 194, 195 foreign powers, 148; property rights and trading post. See factory Trans-Atlantic Slavery Project, 139 slaves, 137-38; VOC charter by, 124, 126 stationary state, 7, 18 Treaty of Gavere (1453), 78 Strasbourg, 113 Treaty of Münster (1648), 105 Treaty of Westminster (1654), 148 subsistence, 8, 16, 89, 173 sugar industry, 133, 142; refining, 102-3, 154 Tuscany, 65, 82, 93 Su Ming-Kang (Ben Con), 131 Twelve Years' Truce (1609-1621), 116, 118, 163 Supreme Court (Hoge Raad), case of Claes (enslaved), 197-98 Uitgeest, Cornelis Corneliszoon van, 102 Surinam, 9, 11, 143, 180, 208-209; plantation Union of Utrecht, 97, 113, 115 economy in, 181, 182; slaves and, 182; slave United Nations, 9-10 unskilled laborer, GDP per capita and real trade, 139; Society of, 180, 182; uprising of Maroons in, 182-83 wages, 87, 88 surplus extraction, core of feudalism, 6 urban graveyard effect, life expectancy and, 24

260 INDEX

urbanization: capitalism and, 93; cities as verponding, land tax, 58. See also taxation economic communities, 47-48; conflict Viking invaders, 44 in community, 48; economic growth, 20; Vikings, 32 of Holland, 63-64; income inequality and, violence, slavery and, 135, 206 196; as indicator of economic growth, Vlaardingen, 36, 68 171-72; market economy and, 203; pro-Vlissingen, 149 cess of, 41, 87 VOC. See Verenigde Oost-Indische Com-Utrecht, bishop of, 47, 69, 72; Drenthe and, panie (VOC) 40; jurisdiction of Drenthe, 34; reclama-Volterra, 82 tion of peat bogs, 36; role of, 50 Vranck, François, 97 Utrecht, city, 75, 79, 97; annexation of, 94; Vries, Jan de: on bread-price regulation, creation from castellum, 44; economy of, 145; on cyclical nature of growth, 19-20; 43–44; Flemish troops in, 55; of German on modern economic growth, 205; on Empire, 32; growth of, 49; Guild Letter passenger transportation, 115; on regions as new constitution, 45; guilds in, 158; with strong feudal tradition, 7 Jacob's travel diary on, 30-31; location vrijkorps, 195 of, 31; man-made mounds of, 31; map in vrijmarkt, 1, 2 late Middle Ages, 50; quota system, 107; reclamations of peat bogs of, 50; revival Waal, river, 31 of, 44; rights of, 42; trade, 62; urbanizawage(s), 3; contracts and, 159, 163; cost tion, 41 of living and, 187; female, 163-64; gap, Utrecht, Diocese of, 31 70–71; income inequality and, 172–74; Utrecht, province: peatlands of, 36; standard labor, 8, 63, 65, 68, 116-17, 119, 136, 144, of living indicators, 176 157, 169, 175, 192, 200, 222n10; migrant workers, 180; real, 64, 66, 87-88, 88, 163, Valckenier, Wouter, 151 161; slaves, 5, 9; in western Europe, 64; Valdemar (King of Norway), 72 winter and summer, 192 van der Haegen, Pieter, 134, 135 Walburgis, Saint, 45 varieties of capitalism, 145, 168. See also Walcheren, 138 Wallerstein, Immanuel, 177 capitalism Vecht, river, 62 water management, 84; advantages of organ-Veenendaal, 83 ization for, 38; agriculture, 169; commer-Veere, 149 cialization of, 191-92; drainage boards for, 37, 189-90, 191-92; farmers and, 193; Veluwe district, 154 Venice, 122; Banco di Rialto, 121 guilds and, 197; institutional development Venlo, 46, 75 of, 190-92; polder boards, 191 Verelendung hypothesis, Marx's, 170 wealth, inequality, 171-77 Verenigde Oost-Indische Companie (VOC), wealth-tax zetters, 59 103-4, 106, 121; administrative board Weber, Max: on market economies, 146; (Heren XVII), 124, 194; Batavia and, on "Protestant ethic", 5, 112; on role of 132-34; chamber in Zeeland, 149-50; autonomous towns, 93 charter for, 124-25; collective manage-Weingast, Barry, on Glorious Revolution, 4 ment by councils, 129-30; coordinated welfare policies, Holland, 62 market economy, 146; as economic driver well-being: bread as barometer of, 144; in Netherlands, 182; establishment of, Church building and, 22; coercion and, 26; dimensions of, 21-27; gender inequality 122, 181, 207; growth and turnover, 179; long-term success of, 142; new capitalism and, 26; Human Development Index, 88; indicators of, 26-27; life expectancy, 21, of, 122-27; organization of, 141, 206; renewal of charter, 125; slavery and, 24-25; living standards and, 26-27; mar-133-34, 136, 138, 198; strategy in Dutch riage and, 26; marriage system and, 24; economy, 179-80; trading monopoly in security and crime, 25-26 Moluccas, 125, 126-27; two-tier structure western Europe: church building in, 42, of governance, 125-26 43; consumption of books per annum, Vermeer, Johannes, 158; ancestors of, 103 23; market economy and capitalism,

INDEX 261

10; political and religious power in, 52; power base of knights and nobility, 33; process of urbanization, 41; rise of feudalism in, 7. See also Europe
West Frisia, dike surrounding, 38–39
West-Indische Compagnie (WIC), 127, 129; Atlantic trade, 141; Brazil expansion, 139; City of Amsterdam and, 180; coordinated market economy, 146; organization of, 206; slavery and, 138–39; on slave trade, 141

Wickham, Chris, 6
wierden, man-made mounds, 31
Wijngaerden, Floris van, 58
Wild Coast (Wilde Kust), 180, 183
Wilhelmina of Prussia, 193, 195
William I (Prince of Orange, the Silent), 90,
91, 194; Dutch Revolt and, 97–98, 111;
murder of, 92
William II (Count of Holland), reclamation

process, 37–38 William III (Count), beer toll, 47 William IV, Count of Holland (1345), 69

Williamson, Jeffrey, 173
William V, 193; power of court, 195
Willibrord, archbishop of Frisians, 44
windmill(s), 154; pumps for draining land,
37; water management, 84. See also mills

Winnincx, Leonard, 152 Wisselbank (Bank of Exchange), 107, 118, 126, 141, 207; Amsterdam as guarantor for, 118, 120; establishment of, 118–19; reliability of, 121

Witt, Johan de, 194
woeste grond, uncultivated terrain, 40
women: labor market and, 163–64; position
in Netherlands in Middle Ages, 26; wages

of, 163–64; widow support example, 165; work of migrant, 162. *See also* gender wool industry, 30, 70, 83, 103, 154, 158–59. *See also* textile industry workhouse, 166 world economy, 204 Woude, Ad van der: on cyclical nature of growth, 19–20; on modern economic growth, 205; reconstruction of the production of paintings, 21–22

Yangtze Delta, 17 Ypres, 71, 97, 100

Zaan, river, 154

Wynant, Reynier, 59

Zaandam, 68
Zaanstreek, 154, 159
Zanden, Jan Luiten van: on book production, 22; on economic growth, 11, 20; on merchant capitalism, 9
Zeeland, 35, 47, 71, 79, 83, 92, 95, 97, 99, 171; bread prices, 145; chamber of business, 124; guilds in, 156; madder crop, 178; map in late Middle Ages, 50; powerful noble elite in, 35; property distribution, 175; quota system, 107; slaves and, 134; standard of living indicators, 176; tax rev-

enues, 109; VOC's chamber in, 149–50 Zeevang, 85 Zierikzee, 69 Zijpe, river, 84, 126 Zuiderzee, 38, 46, 47 Zuid-Holland, 175 Zutphen, 45, 61, 72, 73, 75, 185; map in late Middle Ages, 50; population of, 46 Zwolle, 61, 72, 73, 165; family names in, 185