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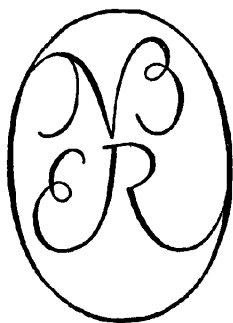
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Soviet Statistics of  
Physical Output  
of Industrial Commodities  
Their Compilation and Quality

GREGORY GROSSMAN  
UNIVERSITY OF CALIFORNIA



A STUDY BY THE  
NATIONAL BUREAU OF ECONOMIC RESEARCH

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**SOVIET STATISTICS OF PHYSICAL OUTPUT  
OF INDUSTRIAL COMMODITIES**

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*(Resolution adopted October 25, 1926 and revised February 6, 1933 and February 24, 1941)*

# Contents

FOREWORD, by G. Warren Nutter	xi
PREFACE	xiii
INTRODUCTION	1
PART ONE: THE SOVIET STATISTICAL SYSTEM	11
1. BRIEF HISTORY OF THE STATISTICAL APPARATUS	13
2. SOME CHARACTERISTICS OF THE STATISTICAL SYSTEM	22
Ideological Foundations	22
Purposes of Soviet Statistics	24
Statistics and Planning	24
Methodological Unity	27
Directness, Speed, and Volume of Reporting	29
3. THE DATA AND THEIR FLOW	31
Definition of Output; Nomenclature; Units of Measure	31
Continuous Reporting of Industrial Output	34
Censuses of Small-Scale Industry	41
PART TWO: THE QUALITY OF THE DATA	47
4. SOVIET CONCERN WITH RELIABILITY; ERRORS; MECHANIZATION	49
Soviet Concern with Reliability	49
Errors; Mechanization	54
5. REPORTING AT THE ENTERPRISE LEVEL	58
Write-Ups by the Worker	59
Write-Ups by Management	63
Devaluation of the Physical Unit of Measure	69
Underreporting; Write-Downs	78
Checks to Distortion	84
6. PROCESSING AT INTERMEDIATE LEVELS	100
Distortion in the Economic Administrative Hierarchy	100
Distortion in the Statistical Apparatus	102
7. PUBLICATION	106
Numerical Distortion at Publication	107
Descriptive Distortion at Publication; Ambiguity	117

*CONTENTS*

SUMMARY AND CONCLUSION	123
ABBREVIATIONS	135
BIBLIOGRAPHY	137
INDEX	149

## TABLES

1. Annual Percentage Increases in Footwear Output, 1949-1958	109
2. Absolute Data on Footwear Output, 1948-1958	110
3. Output of Leather Footwear, 1928-1935	117

## CHARTS

1. The Flow of Statistical Data Until Mid-1957	37
2. The Flow of Statistical Data After Mid-1957	42



## Foreword

THIS book inaugurates a series of publications on Soviet economic growth, presenting the results of a research effort initiated six years ago by a grant from the Rockefeller Foundation. As now planned, the series will consist of monographs covering industry, agriculture, and transportation, followed by a summary volume that will try to integrate the major findings for these and other sectors of the Soviet economy. The focus of the series will be on the economic performance of the Soviet Union as reflected in the statistical record.

It is fitting that the series be introduced by a discussion of the quality of some of those statistics: how they are collected, processed, and published. The Westerner needs this introduction because he cannot easily picture the peculiar conditions under which statistics are demanded and supplied in what Professor Grossman calls a "command economy." As Grossman stresses throughout his study, reliability of data is a problem not only to the outsider but also to the Soviet administrator himself, a problem continually emphasized in the Soviet literature. Everybody seems to have a stake in the figures, those who report them as well as those who process and use them. And the absence of a free and critical press, competitive scholarship, and rival political groups puts the official statistics, with their inevitable faults, beyond the pale of effective public scrutiny.

The result is a set of economic data that Soviet officials and foreign observers alike must treat with circumspection, depending on the uses to which they are to be put. In Grossman's closing words, "One question must always be uppermost in the investigator's mind: what are the figures trying to prove?"

While Professor Grossman's study is limited to industrial statistics—and here only to certain aspects—many observations and conclusions are widely applicable to Soviet economic data in general. Thus, this carefully documented study fills an important gap in the Western literature on the Soviet economy while also serving as a model to encourage further work of a similar kind. It is through such attention to the foundation that a sturdy structure gets built.

G. WARREN NUTTER  
*Director, Study of Soviet  
Economic Growth*

*Charlottesville, Virginia*



## Preface

THIS study has benefited greatly from the cooperation of a number of persons and institutions. Robert M. Slusser, then associate director of the Research Program on the USSR (New York), kindly lent me the manuscripts of several studies prepared by émigré scholars under the auspices of the Program. Of these, Valentin Tsonev's "Falsification of Soviet Industrial Statistics" proved to be particularly useful, as did the opportunity to discuss the problem with Mr. Tsonev in person. My former colleague, Donald R. Hodgman, now of the University of Illinois, generously turned over some of his notes and working memoranda for my use. Benjamin Ward and Jeremiah Schneiderman assisted in the bibliographical search at the beginning of the study. Edgars Dunsdorfs (Melbourne), Andrew G. Frank (Michigan State), Marshall I. Goldman (Wellesley and Harvard), David Granick (Wisconsin), John P. Hardt (Corporation for Economic and Industrial Research), Donald R. Hodgman, Naum Jasny (Washington, D.C.), B. P. Martschenko (Toronto), G. Warren Nutter (Virginia; director of the National Bureau's Study of Soviet Economic Growth), and Raymond P. Powell (Yale) commented on all or parts of this essay at various stages of its preparation. Marie-Christine Culbert edited the manuscript in a most thorough and efficient manner. H. Irving Forman drew the charts. To all these persons go my thanks for their valuable help. To the National Bureau itself goes my full appreciation for initiating, sponsoring, and publishing the study. I am also thankful to the Bureau of Business and Economic Research of this university for typing assistance.

This essay follows the Library of Congress system of transliteration from the Russian, except for the omission of diacritical marks and ligatures. At the end of the volume there is a list of abbreviations of both Russian terms used in the text and Russian periodicals cited.

GREGORY GROSSMAN

*Berkeley, California*  
*November, 1959*



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