

## CONTENTS

Foreword .....	5
From the Editors .....	7
Abbreviations list .....	11
Important facts .....	15
A systemic diagnosis and the health enhancement plan – redefining the disease prevention and treatment system in Poland. Conclusions from the report .....	43
Grzegorz Juszczyk, Stefan Bogusławski, Bogdan Wojtyniak	
1. Selected aspects of the socio-demographic situation .....	47
Bożena Moskalewicz, Paweł Goryński, Jakub Stokwiszewski, Aneta Trochonowicz, Bogdan Wojtyniak	
2. Life expectancy and mortality of the population of Poland .....	69
Bogdan Wojtyniak, Jakub Stokwiszewski, Paweł Goryński, Aneta Trochonowicz, Tomasz Zdrojewski, Daniel Rabczenko	
3. Hospital morbidity .....	201
Paweł Goryński, Wojciech Seroka, Paweł Radomski, Bożena Moskalewicz, Bogdan Wojtyniak	
4. Incidence of malignant neoplasms in Poland .....	245
Joanna Didkowska, Urszula Wojciechowska (The Maria Skłodowska-Curie National Research Institute of Oncology in Warsaw)	
5. Mental and behavioural disorders .....	265
Daria Biechowska (Institute of Psychiatry and Neurology)	
6. Infectious and parasitic diseases .....	279
Małgorzata Sadkowska-Todys, Iwona Paradowska-Stankiewicz, Magdalena Rosińska, Marta Niedźwiedzka-Stadnik, Mirosław P. Czarkowski	
7. Covid-19 epidemic in Poland in spring and summer 2020 .....	333
Magdalena Rosińska, Małgorzata Sadkowska – Todys, Małgorzata Stępień, Wioleta Kitowska, Małgorzata Milczarek, Grzegorz Juszczyk	
8. Accidents and accidental poisonings as a threat to health .....	351
Rafał Halik, Wojciech Seroka	
9. Multidimensional analysis of sickness absence .....	369
Ewa Karczewicz, Hanna Zalewska (The Social Insurance Institution, ZUS)	

10. Analyses of large laboratory data sets in population health assessment .....	401
Adam Kozierekiewicz (JASPERS); Małgorzata Bała (Chair of Epidemiology and Preventive Medicine, Jagiellonian University Medical College); Maciej Banach (PMMH-RI; Department of Hypertension, Medical University of Łódź; Center for Heart & Vascular Research, University of Zielona Góra); Agata Bielecka-Dąbrowa (subdivision of Heart Failure of the Department of Cardiology and Congenital Adult Defects, PMMH-RI; Cardiology Diagnostics Laboratory of the Department of Hypertension, Medical University of Łódź); Dariusz Gilewski (dane-i-analizy.pl); Filip Raciborski (Department of the Prevention of Environmental Hazards and Allergology, Medical University of Warsaw); Bolesław Samoliński (Department of the Prevention of Environmental Hazards and Allergology, Medical University of Warsaw); Wojciech Szot (Chair of Epidemiology and Preventive Medicine, Jagiellonian University Medical College); Joanna Zając (Chair of Epidemiology and Preventive Medicine, Jagiellonian University Medical College)	
11. Selected lifestyle-related health risk factors .....	439
Anna Poznańska, Daniel Rabczenko, Bogdan Wojtyniak	
12. Dietary intake and nutritional status of the Polish population .....	463
Katarzyna Stoś, Ewa Rychlik, Maciej Ołtarzewski	
13. Environmental risks – inequalities in exposure to particulate matter among the Polish population .....	483
Krzysztof Skotak (NIPH-NIH), Katarzyna Osińska-Skotak (Warsaw University of Technology, Faculty of Geodesy and Cartography)	
14. The main health issues of Poles in the context of the latest results of the global burden of disease study (GBD) 2019 .....	501
Roman Topór-Mądry (the Agency for Health Technology Assessment and Tariff System, Faculty of Health Sciences, Jagiellonian University, Collegium Medicum) Bogdan Wojtyniak (the National Institute of Public Health – National Institute of Hygiene), Anna Wieszka (the Agency for Health Technology Assessment and Tariff System), Agnieszka Doryńska (the Agency for Health Technology Assessment and Tariff System), Anna Poznańska (the National Institute of Public Health – National Institute of Hygiene), Zbigniew J. Król (Central Clinical Hospital of the Ministry of the Interior and Administration), Radosław Sierpiński (the Medical Research Agency), Grzegorz Juszczyk (the National Institute of Public Health – National Institute of Hygiene), Tomasz Zdrojewski (the National Institute of Public Health – National Institute of Hygiene, the Medical University of Gdańsk), Maja Pasovic (the Institute for Health Metrics and Evaluation), Mohsen Naghavi (the Institute for Health Metrics and Evaluation), Christopher JL Murray (the Institute for Health Metrics and Evaluation)	
15. The consumption of drugs in Poland based on the National Health Fund data .....	517
Aнета Lichwierowicz, Filip Urbański, Dariusz Dziełak (National Health Fund)	
16. Expenditure on healthcare and infrastructure of the healthcare system in Poland .....	539
Olga Partyka, Monika Pajewska, Aleksandra Czerw	
17. Primary healthcare in Poland – its role in the system and the available information tool .....	563
Stefan Bogusławski (the National Institute of Public Health – National Institute of Hygiene), Piotr Burliński (an Independent Health Market Expert), Anna Smaga (an Independent Health Market Expert), Stanisław Nowak (Sobieski Medical Centre, Warsaw) Viola Kijowska (Department of Epidemiology and Preventive Medicine, Department of Sociology of Medicine, Jagiellonian University Collegium Medicum), Grzegorz Juszczyk (the National Institute of Public Health – National Institute of Hygiene)	