



# **Zeszyt metodologiczny**

# **Działalność służb ratowniczych**

Methodological report. Emergency rescue services activity



# **Zeszyt metodologiczny**

## **Działalność służb ratowniczych**

Methodological report. Emergency rescue services activity

Urząd Statystyczny w Krakowie Statistical Office in Kraków

Kraków 2019

**Content-related works**

Urząd Statystyczny w Krakowie, Ośrodek Statystyki Pomocy Społecznej

**Editorial team**

Marcin Koczanowski, Barbara Oremus

**Translation**

Mateusz Janik, Robert Chrabąszcz

**Supervisor**

Agnieszka Szlubowska

**Methodological report approved by the GUS Methodological Commission**

**Publication available on website**

<http://stat.gov.pl/>

**When publishing Statistics Poland data – please indicate the source**

## Preface

We present the methodological report on the survey "Emergency rescue services activity", entirely based on administrative data sources, from the resources of the National Fire Service Headquarters, the National Police Headquarters and the Ministry of the Interior and Administration.

The President of the Statistics Poland and the Minister for Internal Affairs conduct the survey, included in the thematic block 1.03 "National defence, internal security, justice" of the National statistical survey program of Poland. The survey provides information on the activities of fire protection units, specialist rescue services (technical, chemical and ecological), entities entitled to water rescue services, suicide attempts/behaviours and drowning events.

The methodological report developed by the team of the Centre for Social Welfare Statistics of the Statistical Office in Kraków is addressed to all interested in the subject of rescue services, using the data published by official statistics in this research area.

We hope this way of presenting the research methodology will be welcomed. We will be grateful for your comments and proposed changes that will enable to improve our research and to adapt its thematic scope to your needs in coming years.

Director of  
Statistical Office  
in Kraków



Agnieszka Szlubowska

# Contents

	Page
<b>Preface</b> .....	<b>3</b>
Main abbreviations .....	5
<b>Introduction</b> .....	<b>6</b>
<b>1. Statistical units and the scope of the data in the survey</b> .....	<b>7</b>
1.1. Statistical units .....	7
1.2. Scope of data .....	7
<b>2. Method and type of survey</b> .....	<b>8</b>
2.1. Survey method description .....	8
2.2. Data sources .....	9
<b>3. Characteristics of data collection tools</b> .....	<b>10</b>
<b>4. Variables covered in the survey</b> .....	<b>11</b>
4.1. Characteristics of variables .....	11
4.2. Indicators and methods of their calculation .....	11
4.3. Definitions of key terms .....	11
<b>5. Organisation of the survey</b> .....	<b>15</b>
<b>6. Method of presenting the survey results</b> .....	<b>15</b>
<b>7. Evaluation of the survey</b> .....	<b>15</b>
<b>ANNEXES</b>	
<b>Annex 1.</b> Changed categories and names of methods of committing suicide, causes of suicide and livelihoods in the area of the method of committing the attempt/behaviour suicide-applied until 2016 and from 2017 .....	<b>17</b>
<b>Annex 2.</b> Mock-ups of tables .....	<b>18</b>
<b>Annex 3.</b> List of variables .....	<b>30</b>

## Main abbreviations

ABM	Analytical Microdata Database
BDL	Local Data Bank
CIS	Statistical IT Centre
GUS	Statistics Poland
JOP	Firefighter Unit
JRG	Rescue and firefighting Unit
KSIP	National Police Information System
KSRG	National Emergency and Fire System
MSWiA	Ministry of Internal Affairs and Administration
OSP	Volunteer Fire Department
PBSSP	National statistical survey program of Poland
PSP	National Fire Service Headquarters

## Introduction

The main goal of the rescue services is to ensure the protection of the population and to eliminate local threats in peacetime. Many entities operating in Poland carry out tasks in this area (including rescue: medical, local hazards and local threats, mountain area, water area, sea area, mining, gas, energy, technical, chemical, ecological). The protection of the population is also dealt by the security and public order services (including the Police, municipal and communal guards).

The survey 1.03.06. "Emergency rescue services activity" provides selected information on the operation of these services and refers to: fire protection, specialised technical, chemical and environmental rescue, as well as the data on the activities of entities entitled to water rescue services. Moreover, the survey collects information on the number of suicide attempts/behaviours and drowning events. Complementary data on the activities of rescue services or information related to this issue are obtained by Statistics Poland (GUS) as a part of surveys included in other thematic blocks of the program of statistical surveys of official statistics:

- 1.30.16 "Activities of selected tourism-related organizations" regarding the activities of the Mountain Volunteer Rescue Service and the Tatra Volunteer Rescue Service, in the scope of the number of: rescuers involved in action, interventions and rescue operations, rescue expeditions and fatal incidents;
- 1.50.04 "Accidents and rescue on the sea area" regarding the sea incidents by types of rescue operations of the Sea Search and Rescue Service;
- 1.23.10 "Accidents at work", including incidents in mining;
- 1.29.07 "Healthcare infrastructure and its functioning" including, drive time to the scene, action time, incidents, their number and people who received rescue.

The results of the survey "Emergency rescue services activity" are transferred to statistical offices and used in regional publications, by local government administration, employees of academic institutions and students.

This report consists of seven parts. The first one presents the statistical units and the scope of the data. The second part describes the method of collecting information and the data sources. The third and fourth parts deal with research tools and variables applied to the survey. The most important principles of organising survey are discussed in the fifth part. The method of presenting and sharing data is presented in the sixth section. The final, seventh part is the evaluation of the survey.

The legal basis for the survey on 01.03.06 "Emergency rescue services activity" is the Act of 29 June 1995 on Official statistics and the regulation of the Council of Ministers on the national statistical survey program of Poland, defining the statistical units and the scope of the data of the survey for the year, as well as the types, forms and the deadlines for sharing the resulting statistical information.

# 1. Statistical units and the scope of the data in the survey

## 1.1. Statistical units

Statistical units in the survey on the emergency rescue services activity is as follow:

- **National Fire Service Headquarters (PSP):** fire safety and specialist rescue (technical, chemical and ecological)

The survey in the field of fire safety and specialist rescue (technical, chemical and ecological) covers the activities of the National Fire Service Headquarters based on the national rescue and firefighting system. The system includes: 16 Voivodship Fire Service Headquarters, 501 rescue and firefighting units of the State Fire Service, 4376 units of volunteer fire brigades and 4 in-house fire brigades. Activities of the Volunteer Fire Brigades (OSP) who are not part of the national rescue and firefighting system are shown in the statistics if the OSP unit co-participates in the event together with the PSP unit or in the case when the OSP unit, takes action independently in the event, than provides the relevant information to the appropriate PSP unit. The National Fire Service Headquarters is the data administrator.

The functioning of formations in charge for the fire protection system is specified in the Act on Fire safety<sup>1</sup>. The activities listed in the Act are related to life protection, health, property and the environment against fire, natural disaster or other local hazards. Their implementation is carried out by preventing the emergence and spread of the above-mentioned phenomena, as well as by providing resources to act against them and conduct rescue operations.

- **Entities entitled to water rescue services**

The survey covers entities entitled to water rescue by the Minister of Internal Affairs and Administration (MSWiA). The Act on Safety of people in water areas<sup>2</sup> constitute the basis for the functioning of water rescue services . The data administrator is MSWiA.

- **National Police Headquarters** with regard to data on suicide attempts/behaviours.
- **National Police Headquarters** with regard to data on drowning events.

## 1.2. Scope of the data

Scope of the data in the survey includes:

- **Fire safety:**
  - events (local hazards, local threats and false alarms);
  - rescuers taking part in rescue operations;
  - accidents involving people, including accidents engaging firefighters;
  - medical rescue operations carried out by the JRG;
  - drive time to the scene and action time.
- **Specialised rescue (technical, chemical and ecological):**
  - events;
  - firefighters and vehicles involved in the actions;
  - injured and fatalities.

In the area of technical rescue, three categories of rescue have been distinguished: construction, transport, water areas.

Moreover, the data from chemical rescue has been extended to include information on events in which the presence of carbon monoxide was found, because it is the most common phenomenon in this field of rescue and it is of interest to potential data users.

---

<sup>1</sup>Act of 24 August 1991 on Fire safety.

<sup>2</sup> Act of 18 August 2011 on Safety of people in water areas.



- **Water rescue services:**
  - human resources;
  - rescue activities (divided into types of activities and the place where these activities were taken);
  - training activities;
  - sources of funding.
- **Suicide attempts/behaviours:**
  - sex;
  - scene;
  - method of committing;
  - cause;
  - marital status;
  - education level;
  - state of consciousness;
  - source of income;
  - age groups.
- **Drowning events:**
  - number of drowning incidents reported to the Police;
  - number of drowning victims;
  - age groups of drowning victims;
  - state of consciousness of drowning victims;
  - area where the drowning incident occurred;
  - type of water reservoir where the drowning incident occurred;
  - circumstances of drowning event.

## 2. Method and type of survey

### 2.1. Survey method description

Survey of activities of rescue services is entirely carried out on the basis of administrative data sources. In accordance with the National statistical survey program of Poland (PBSSP), the data in electronic form, are sent by data administrators once a year for the previous year.

Survey methodology is updated in line according to the changes in the IT systems of the data administrators.

The most important methodological changes introduced in recent years refer to:

- **Fire safety, specialist rescue (technical, chemical and ecological)**
  - Data for the Statistical Yearbook of the Republic of Poland are obtained from MSWiA (for the country in general); starting from PBSSP as of 2015 – the data on fire safety (for the country in total and for voivodships) are also collected, to a greater extent, from the PSP (they concern information on: size, type, time of noticing the event, drive time to the scene, action time, number of vehicles and equipment involved in the actions, as well as technical, chemical and ecological rescue).
  - Starting from 2017, the level of aggregation of information in the field of fire safety has been changed from voivodships to municipalities.
- **Water rescue services**
  - Until 2012, the data on water rescue services were collected by GUS from the Main Board of the Voluntary Water Rescue Service, provided data received from regional units, which allowed for data aggregation at the voivodship level.
  - In the PBSSP as of 2015, the description of the survey "Emergency rescue services activity" includes a provision on collecting the data in the form of a tabular summary of entities entitled to water rescue services by MSWiA.
  - Based on the arrangements made between GUS and MSWiA, changes have been made to the method of collecting information – starting from PBSSP as of 2017, the entities entitled to water rescue services have submitted reports on their activities to MSWiA, and then the data from these reports have been

transferred to GUS. The scope of collected data was extended to include sources of financing. This enables to define the structure of financing the activities of entities.

#### **Suicide attempts/behaviours**

- In 2013, the method of collecting and generating statistical data on suicide attempts/behaviours changed. "Temida" the Police Crime Statistics System has been replaced by the National Police Information System. From that moment the registration of the report of a suicide attempt has taken place instantly at the time of ensuring that a suicide attempt took place. The system provides data with a delay of one month, it allows to verify the case of suicide attempt at the police proceeding and avoid to incorrectly established suicide attempt. Previously, data were imported to the "Temida" system only after conducting and completing the preliminary investigation, which brings on the need to make corrections to the data already collected.

Until 2014, the issues related to suicide attempt were covered by statistical survey 1.03.03, "Crimes. Suicide attempt. Drowning events".

Starting from PBSSP for 2015 – the extended data on suicidal attempts/behaviours are collected as part of the survey 1.03.06.

In 2017, modifications to the suicide attempt report form were made, such as "KSIP 10 – report of suicide attempt/behaviour". Moreover, new categories of collected data have been added. They are a response to the change in the ways of committing suicide, e.g. poisoning with designer drugs, poisoning with chemical and toxic substances, as well as the reasons why people take their own lives, e.g. mobbing, cyber mobbing, harassment. Some categories were also redefined according to the list in Annex 1.

#### **• Drowning events**

- In 2013, "Temida" the Police Crime Statistics System was replaced with the National Police Information System, therefore the method of collecting data has changed.
- Until 2014, issues related to drowning events, as well as suicide attempts, were subject to the statistical survey 1.03.03 "Crimes. Suicide attempts. Drowning events".
- Starting from PBSSP for 2015 – the extended data on drowning events are collected as the part of the survey 1.03.06.

## **2.2. Data sources**

The survey on the emergency rescue services activity, starting with PBSSP for 2017, has been entirely based on the data from administrative sources. The Decision Support System – Teleinformatic Systems of PSP receives data in the field of fire safety and specialist rescue (technical, chemical and ecological). Aggregated annual data related to fire safety, are divided by voivodships, poviats and communes, and aggregated data on specialized rescue (technical, chemical and ecological), divided by voivodships – are collected by PSP.

Information on suicide attempts/behaviours and drowning events is obtained from the National Police Information System. Aggregated data, are divided into the Police units – voivodship, poviat and are collected from the National Police Headquarters (KGP).

Entities entitled to water rescue by MSWiA, in accordance of the Act on Safety of people in water areas, are obliged to keep documentation and records of taken rescue actions. These data are transferred to MSWiA. Once a year, MSWiA transmits the individual data to GUS.

### 3. Characteristics of data collection tools

In the survey “Emergency rescue services activity”, the data from administrative sources are provided by administrators based on mock-ups of tables, developed by the Statistical Office in Kraków. Every year, one month before the deadline for the data transmission resulting from the PBSSP, mock-ups of tables are consulted with the data administrators and, if necessary, changes to the mock-ups are introduced. Detailed mock-ups of tables are sent to administrators and are included in Annex 2.

#### **Fire safety, specialist rescue (technical, chemical and ecological)**

The data is provided by PSP. The place of the event is assigned by matching the geographical coordinates of the event to the TERYT register.

Five Excel files are transferred from the data administrator to GUS. The first file contains the table populated with events according to the type and size. The second file contains the table populated with the data about the time of the event and the duration of rescue operations. The third file contains information on the participation of firefighters units in the events. The fourth file includes the data on the events involving injured people due to fires and local hazards. The fifth file lists the types of local threats.

Additionally, one Excel file includes the data on specialized rescue (technical, chemical and ecological).

#### **Water rescue services**

The Ministry of the Interior and Administration receives reports from entities entitled to water rescue once a year. The report includes their address data (year-round and seasonal) and the range of operation. Due to the fact that some rescuers take action in various areas, it is not possible to extract the data at a different level of aggregation than the country in general.

The data provided by the administrator includes:

- Part 1: address details of entities entitled to water rescue;
- Part 2: human resources;
- Part 3: rescue activities;
- Part 4: training activities;
- Part 5: sources of funding.

#### **Suicide attempts/behaviours, drowning events**

The TERYT module is not implemented in the module on suicide attempts/behaviours and drowning events of system used by the Police. The events are registered by indicating the Police unit registering the event and the place where the event occurred. For the purposes of data presentation, in accordance with the principles adopted in public statistics, the relevant Police units are compared with the relevant voivodships and poviats and are presented as the area covered by the activities of the Police unit.

Three Excel files are sent from the data administrator to GUS. Two of them refer to suicide attempts/behaviour and the third one records drowning events.

The first file on suicides is related to the total number of suicides, and the second – to fatal suicides. The structure of both files is the same and includes:

- Table 1: the number of people and the scene;
- Table 2: the method of committing;
- Table 3: the cause;
- Table 4: marital status;
- Table 5: education level;
- Table 6: state of consciousness;
- Table 7: source of income;
- Table 8: age (in groups of age).

The Excel file included in the drowning events are the following:

- Table 1: total number of drowning events, by urban and rural area, days of the week and time of the incident, the number of people who drowned, as well as the number of rescued people;
- Table 2: total number of drowning victims, divided by sex and age (in age groups);
- Table 3: the number of drowning victims by type of water reservoir and state of consciousness;
- Table 4: the number of victims by the circumstances of the event.

## 4. Variables covered in the survey

### 4.1. Characteristics of variables

The variables obtained as part of the survey are mainly quantitative variables. The data collected from entities entitled to water rescue is the only exception is:

- address variable (address of the location);
- qualitative variable – sources of financing rescue activities, sources of financial resources for water rescue.

The data in the survey are on the number and type of events, people who provided rescue and people who were injured. A detailed list of variables in the survey, divided by the thematic scope of the survey, is included in Annex 3.

### 4.2. Indicators and methods of their calculation

Information from the survey on the emergency rescue services activity is presented in absolute numbers. At present, they are published in the statistics news release, from 2019 the data is available at the Local Data Bank of GUS. Information on drowning incidents is presented in absolute numbers. Information on fire safety are presented in the form of indicators (relative numbers) related to:

- the number of events requiring intervention of firefighters units per thousand people;
- the number of local hazards per thousand people;
- the number of local threats per thousand people.

In terms of suicidal attempts/behaviours, the following indicators are provided:

- the number of suicide attempts/behaviours per 100 thousand people;
- the number of fatal suicides per 100 thousand people.

As all the indicators describes the size of the phenomenon during the year, the population as of June 30 will be used to calculate them.

### 4.3. Definitions of key terms

The basic concepts related to the field of fire safety, specialized rescue (technical, chemical and ecological), entities entitled to water rescue, suicide attempts/behaviours and drowning incidents are listed below. The list of terms has been organized by subject areas.

#### **Fire safety, specialist rescue (technical, chemical and ecological)<sup>3</sup>**

**National Emergency and Fire System (KSRG)** – is an integral part of the state's internal security organization, including saving life and health, protecting the property or the environment, forecasting, identifying and firefighting, natural disasters or local threats. The system brings together firefighting units, other services, inspections, guards, institutions and entities that voluntarily agreed to cooperate in rescue operations in compliance with a civil law contract.

---

<sup>3</sup> Developed on the basis of the Rules for recording events in the Decision Support System – ST of the National Fire Service Headquarters.

**Firefighter units (JOP)** – organizational units of PSP, organizational units of the Military Fire Protection, in-house fire brigade, in-house rescue service, communal professional fire brigade, powiat (municipal) professional fire brigade, local rescue service, volunteer fire brigade, volunteer fire brigade association, other rescue units<sup>4</sup>.

**Rescue and firefighting Unit (JRG)** – basic firefighting organizational unit with the capacities and equipment to independently organise and conduct rescue operations during local hazards, natural disasters and local threats.

**Rescue operations** – divided into basic and specialised. Basic activities are performed in individual areas of rescue by all rescuers of KSRG entities, and specialized activities are performed with the use of specialist equipment by properly trained rescuers of KSRG entities.

**Rescue activities** – any action taken to protect life, health, property or the environment, as well as to eliminate the causes of fire, natural disaster or other local threat.

KSRG entities, which are fire protection units, are divided into the following structure for the needs of rescue operations:

- **oath** – two-person team of rescuers included in the team or a specialist rescue group;
- **unit** – three to six rescuers, including the commander, equipped with a vehicle adapted to the rescue task;
- **group** – two units, including the commander;
- **platoon** – three or four units, including the commander;
- **companion** – from eight to sixteen units, including the commander;
- **battalion** – from three to five companions, including the commander and staff;
- **brigade squad** – union of subunits and divisions, as well as the commander and staff;
- **specialist rescue unit** – unit dedicated to the specialized rescue activities.

**Fire** – uncontrolled firing process occurring in a place unintended for it, causing material and ecological losses. The following criteria are used in determining the size of a fire:

Description	small	medium	big	very big
objects or their parts, effects, material storage, machines, devices, raw materials, fuels, etc.	area up to 70 m <sup>2</sup> or volume up to 350 m <sup>3</sup>	area up from 71 m <sup>2</sup> to 300 m <sup>2</sup> or volume from 350 m <sup>3</sup> to 1500 m <sup>3</sup>	area up from 301 m <sup>2</sup> to 1000 m <sup>2</sup> or volume from 1501 m <sup>3</sup> to 5000 m <sup>3</sup>	area from 1001 m <sup>2</sup> or volume from 5001 m <sup>3</sup>
forests, crops, grasses, bogs and wastelands	area up to 1 ha	area from 1 ha to 10 ha	area from 10 ha to 100 ha	area from 100 ha

<sup>4</sup> Units declaring operational readiness, to execute tasks according to the organizational and equipment capabilities and training, in a 24-hour and all-year-round system.

**Local hazards (MZ)** – events other than fire, resulting from the development of civilization, human activities or forces of nature, posing a threat to life, health, property or the environment. The following criteria are used in determining the magnitude of the local risk:

- **Small MZ** – an event with a limited scope of activities of rescue units, carried out without the use of special equipment, with the exception of detection and measurement devices that do not show any danger during the measurements (in particular, it is reconnaissance, securing mass events or landing, e.g., medical rescue of the Polish Medical Air Rescue).
- **Local MZ** – sudden damage to devices, machines, vehicles, objects, etc., which pose a threat to life, health, property or environmental contamination, requiring the intervention of KSRG entities, in which:
  - more than 1 fatality occurs or
  - there are no more than 3 people who requires medical rescue operations and transport from the scene to health care place or
  - no more than 4 brigades participate.
- **Medium MZ** – sudden damage to devices, machines, vehicles, objects, etc., which pose a threat to life, health, property or environmental contamination, requiring the intervention of KSRG entities, in which:
  - 2 to 3 fatalities occur or
  - there are 4 to 10 people who require medical rescue operations and transport from the scene to health care place or
  - 5 to 12 brigades participate or
  - one specialist group participate.
- **Big MZ** – sudden, unpredictable event when a collective threat to life, health, property or the natural environment occur, requiring the intervention of KSRG entities smaller than the battalion and exceeding the parameters of the average local threat.
- **Gigantic MZ or natural disaster** – a sudden, unpredictable event during which a collective threat to life, health, property or the natural environment occur, requiring the intervention of KSRG entities in the form of at least one battalion.

**Local threats are also classified by type of threat:**

- **strong winds** – events resulting from strong winds, tornadoes etc.;
- **water supplies** – events resulting from the rise of water, on water courses, natural or artificial water reservoirs, thaws, as well as an increase in the level of groundwater;
- **snowfall** – events resulting from snowfall;
- **rainfall** – events resulting from rainfall;
- **municipal infrastructure** – events resulting from damage or destruction of devices and installations, in particular gas, water and sewage, heating, energy, lifting etc., preventing their normal operation;
- **radiological** – events resulting from hazards related to radiation or radioactive contamination;
- **construction** – events resulting from destruction or damage to a building or an existing building structure, its parts or individual elements;
- **medical** – events resulting of sudden health emergency, requiring to provide qualified first aid to the injured by JOP paramedics;
- **in road transport** – destruction, damage, collisions of means of road transport, during their movement or standstill, taking place on road communication routes and parking lots, which effects pose a threat to life, health or property;
- **in rail transport** – destruction, damage, collisions of railway means of transport, during their movement or standstill, taking place on railway communication systems, sidings and other railway infrastructure, which effects pose a threat to life, health or property;
- **in air transport** – destruction, damage, collisions of means of air transport, during their movement or standstill, taking place on air corridors (including airports), which effects pose a threat to life, health or property;
- **in water areas** – related to events on water courses, natural or artificial water reservoirs, or water reservoirs not constituting water features.

It is possible to combine the types of local hazards, e.g., in road transport with medical.

**False alarm** – fire alarm triggered when there is no fire, there was no fire and no reason why a fire could actually arise.

Classification of false alarms:

- **malicious** – by reporting the event, the perpetrator was intended to mislead system entities or other JOP;
- **in good faith** – the reporting person noticed signs that, in the opinion of the reporting person, could indicate the presence of a hazard, e.g. fumes, vapours, odours, but no existing hazard was identified after the arrival of units;
- **from detection installations** – reported by fire or other hazard detection installations, caused by faulty operation of systems, not requiring rescue actions by system entities or other JOP.

**Drive time** – time counted from the moment of reporting until the unit arrives at the scene of the event, in minutes

**Action time** – time counted from the notification of the unit about the event until the unit returns to its base.

### Water rescue services

**Water rescue services** – carrying out rescue operations, in particular organizing and providing help to people who have suffered an incident or are at risk of losing life or health in the water area.

**Water area** – inland waters and coastal waters, as well as a bathing area, a place used for bathing, swimming pools and other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m.

**Water lifeguard** – a person with knowledge and skills in the field of rescue (entitled lifeguard) and swimming techniques as well as other qualifications useful in water rescue, employed or serving in an entity entitled to water rescue or being a member of this entity.

**Instructor of water rescue** – lifeguard with training and certified qualifications.

### Suicide attempts/behaviours

**Committed suicide** – deliberate action aimed at taking one's own life that resulted in death.

**Suicide attempts/behaviours** – deliberate action aimed at taking one's own life that has not resulted in death.

### Drowning events

**Drowning event** – the slow process of dying caused by liquid or other substance entering the respiratory tract and making breathing impossible.

**Drowning fatal** – death as a result of suffocation, disruption of oxygen supply to vital organs (disturbance of the respiratory and circulatory system), in an aquatic or crumbly environment.

## 5. Organisation of the survey

Survey on the Emergency rescue services activity is conducted on the basis of the Act on Public statistics and the national statistical survey program of Poland for a given year, introduced annually by a regulation of the Council of Ministers.

The author's unit of the study is the Statistical Office in Kraków. The survey is carried out in cooperation with the Ministry of Interior and Administration (mainly in the field of the data on entities entitled to water rescue). In accordance with the adopted regulations, the data administrators are obliged to provide data with the following deadlines:

- National Fire Service Headquarters: the data on fire safety, technical, chemical and ecological rescue – once a year by March 31, the data for the previous calendar year;
- Ministry of the Interior and Administration: the data on the activities of entities entitled to water rescue – once a year by March 15, the data for the previous calendar year;
- National Police Headquarters: the data on suicide attempts/behaviours and drowning events – once a year by June 15, the data for the previous calendar year.

One month before the deadline for the data transfer, the Statistical Office in Kraków contacts the data administrator, to remind about the obligation to provide the data, and to make sure there are no significant changes to the data in comparison to the previous year.

The data is transferred through the procedures adopted at the GUS. The Statistical IT Centre is responsible for the data transmission. CIS employees perform formal supervision over the transferred files, and then locate them in the Analytical Microdata Database (ABM) environment. Then the data sets are available for processing to entitled employees.

After the information about the datasets availability, formal, logical and accounting checks of the datasets are performed at the Statistical Office in Kraków. In the event of inconsistencies in the datasets, the data administrator is contacted in order to explain doubts or correct errors.

## 6. Method of presenting the survey results

The results of Emergency rescue services activity survey are published once a year (in July) in the form of a statistical news release as the result of the survey. The publication is available in an electronic version on the GUS website: <http://stat.gov.pl/obszary-tematyczne/zdrowie/>.

Every year in July, the result tables are submitted to statistical offices. The data is also used in the Voivodship Yearbooks and in other voivodship studies.

Moreover, from 2019, data as of 2018 in the field of: fire safety, specialist rescue, including technical, chemical and ecological rescue, suicide attempts/behaviours and drowning events are published in the Local Data Bank of GUS.

The data on fire safety are provided at the municipality level and the data on technical, chemical and ecological rescue as well as suicide attacks /behaviours and drowning events – at the voivodship level.

## 7. Evaluation of the survey

In the scope of the survey 1.03.06 Emergency rescue services activity, the data from administrative sources are collected on: the activities of firefighter units, suicide attempts/behaviours and drowning events reported to the Police, activities of entities entitled to water rescue. The data is collected in accordance with the deadlines and thematic scope resulting from the national statistical survey program of Poland. The structure of the transferred data allows for their comparability in time series. There is no data imputation procedure in the survey.

Collected data is controlled and validated according to system rules by the data administrators, and is also subject of verification by the Statistical Office in Kraków in course of the works on the survey and the development of the result tables. In the case of information on suicide attempt/behaviours and drowning events



collected from KGP, because there is no TERYT module – the data from territorially relevant Police units are assigned to the appropriate voivodships and poviats. Therefore, in the individual cases, events can be inappropriately assigned to the powiat level. It should also be noted that in the case of the data on suicide behaviour and drowning events which did not result fatal, only the events reported to the Police are presented. In the case of suicides and drowning, the data are also presented in accordance with the principles of categorisation adopted by the data administrator. Therefore there is a possibility of the data discrepancies in comparison with the information from other surveys.

In the case of entities entitled to water rescue, the problem is incompleteness. – Ca. 85% of all entities transmits the data to MSWiA. There is also no information about entities that stopped or suspended their activities, which may also affect the completeness. Consultation meetings with the MSWiA are carried out in order to improve the quality and completeness of collected information.

## ANNEXES

### Annex 1. Changed categories and names of methods of committing suicide, causes of suicide and sources of income in the field of the method of committing the attempt/behaviour suicide – applied until 2016 and from 2017

<b>Methods of committing suicide attempt/behaviour</b> (Table 2)	
<b>until 2016</b>	<b>from 2017</b>
poisoning by gas	poisoning by gas/exhaust fumes
poison ingestion	poisoning with chemical/toxic agents
taking sleeping pills	taking sleeping pills/psychotropic drugs
	taking other drugs
self-harm	superficial self-harm
drowning	drowning
shooting yourself	shooting yourself/ use of firearms
	suffocation
	self-immolation

<b>Reason of suicide attempt/behaviour</b> (Table 3)	
<b>until 2016</b>	<b>from 2017</b>
mental illness	mental illness/mental disorder
chronic disease	physical illness
family disagreement	family disagreement, domestic violence
	mobbing, cyber mobbing, harassment
	conflict with people outside the family
problems at school	problems at school or at work
bad economic conditions	bad economic conditions, debt
	damage to or loss of property
	sudden loss of health
other	other not mentioned
	undetermined

<b>Disturbance of state of consciousness</b> (Table 6)	
<b>until 2016</b>	<b>from 2017</b>
under the influence of psychotropic substances (drugs)	
	under the influence of intoxicants
	under the influence of drugs
under the influence of alternative agents and substances	under the influence of alternative agents/ substances (designer drugs)
undetermined	no data/undetermined

<b>Sources of income</b> (Table 7)	
<b>until 2016</b>	<b>from 2017</b>
disability pension, retirement or alimony	
	disability pension
	retirement
unemployment benefit	
	benefit/alimony

## Annex 2. Mock-ups of tables

### 2.1. Fire safety, specialist rescue (technical, chemical and ecological)

**Table 1. Events requiring intervention of firefight units by type and size**

Administrative division	Events in total	Fires					Local hazards						False alarms			
		in total	small	medium	big	very big	in total	small	local	medium	big	gigantic or natural disaster	in total	malicious	in good faith	from detection installations
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Poland</b>																
<b>Voivodship</b>																
<b>Powiat</b>																
<b>Commune</b>																

**Table 2. Information about the time of noticed the event, action time**

Administrative division	Noticing time					Arrival of the first firefight unit (drive time)											
	00:01-06:00	06:01-09:00	09:01-15:00	15:01-20:00	20:01-00:00	time of a day 06:01 - 20:00						time of a day 20:01 - 06:00					
						up to 5 min	6-10	11-15	16-20	21-30	over 30 min	up to 5 min	6-10	11-15	16-20	21-30	over 30 min
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Poland</b>																	
<b>Voivodship</b>																	
<b>Powiat</b>																	
<b>Commune</b>																	

**Table 2. Information about the time of noticed the event, action time - continued**

Administrative division	Action time						
	up to 30 min	31-60	61-120	121-240	241-720	up to 1 day	over 1 day
0	1	2	3	4	5	6	7
<b>Poland</b>							
<b>Voivodship</b>							
<b>Poviat</b>							
<b>Commune</b>							

**Table 3. The participation of firefighter units in the events**

Administrative division	In total			JRG		OSP		Other units <sup>a</sup>		Firefighting vehicles	Number of airplanes, helicopters	Number of watercraft
	events	vehicles	persons	vehicles	persons	vehicles	persons	vehicles	persons			
0	1	2	3	4	5	6	7	8	9	10	11	12
<b>Poland</b>												
<b>Voivodship</b>												
<b>Poviat</b>												
<b>Commune</b>												

a - Units declaring operational readiness, to execute tasks according to the organizational and equipment capabilities and training, in a 24-hour and all-year-round system.

**Table 4. Events with people during fires and local hazards**

Administrative division	In total		Fires						Local hazards					
			rescuers		firefighters		others		rescuers		firefighters		others	
	fatalities	injured	fatalities	injured	fatalities	injured	fatalities	injured	fatalities	injured	fatalities	injured	fatalities	injured
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Poland</b>														
<b>Voivodship</b>														
<b>Poviat</b>														
<b>Commune</b>														

**Table 5. Type of local hazard**

Administrative division	In total	Type of local hazard											
		strong wind	water supplies	snowfall	rainfall	construction	municipal infrastructure	in road transport	in rail transport	in air transport	in water area	medical	
0	1	2	3	4	5	6	7	8	9	10	11	12	
<b>Poland</b>													
<b>Voivodship</b>													
<b>Poviat</b>													
<b>Commune</b>													

**Table 6. The activity of firefight units in the field of technical rescue**

Administrative division	Events in total	Firefighters involved in operations	Vehicles involved in operations	Victims	Fatalities
0	1	2	3	4	5
<b>Construction</b>					
<b>Poland</b>					
<b>Voivodship</b>					
<b>In water areas</b>					
<b>Poland</b>					
<b>Voivodship</b>					
<b>In road transport</b>					
<b>Poland</b>					
<b>Voivodship</b>					
<b>In rail transport</b>					
<b>Poland</b>					
<b>Voivodship</b>					
<b>In air transport</b>					
<b>Poland</b>					
<b>Voivodship</b>					

**Table 7. The activity of firefight units in the field of the chemical rescue**

Administrative division	Events		Firefighters involved in operations	Vehicles involved in operations	Victims	Fatalities
	in total	including with carbon monoxide				
0	1	2	3	4	5	6
<b>Poland</b>						
<b>Voivodship</b>						

**Table 8. The activity of firefight units in the field of the ecological rescue**

Administrative division	Events in total	Firefighters involved in operations	Vehicles involved in operations	Victims	Fatalities
0	1	2	3	4	5
<b>Poland</b>					
<b>Voivodship</b>					

## 2.2. Water rescue

In **Section 1.** the name of the entity and its address are included.

### Section 2. Human resources

Description		In total
0		1
Water lifeguards in total	1	
including women	2	
Training staff in total	3	
including:		
water lifeguards	4	
instructors of water rescue	5	

### Section 3. Rescue activities

Descriptions	In total	Descriptions				
		inland waters and coastal waters	bathing areas	occasional bathing places	swimming pools	other facilities with swimming pools with a total area of more than 100 m <sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m
0	1	2	3	4	5	6
Number of rescue actions against drowning people	1					
Number of rescue actions, involving:	taking activities as a qualified first aid	2				
	taking medical rescue operations	3				
	transporting victims of the incident or victims in danger of drowning, to the State Medical Emergency, reference to Article 32(1) Act of 8 September 2006 on Medical State Emergency	4				
	searching of missing people in water areas	5				
Number of saved drowning people	6					
Number of rescue actions carried out against drowning people which resulted fatal	7					



#### Section 4. Training activities

Description		In total	
0		1	
Training conducted, in total		1	
including	trainings for lifeguards	2	
	trainings for instructors of water rescue	3	
	trainings for rescue dogs with guides	4	
Persons awarded with the certificate of acquired qualifications, in total		5	
including	water lifeguards	6	
	instructors of water rescue	7	

#### Section 5. Sources of funding

Descriptions		Occurred/not occurred	
0		1	
Targeted subsidies from the state budget, administered by voivodes	1		
Targeted subsidies from the budget of local government units	2		
Donations	3		
Inheritance and bequests	4		
Donations from 1% of personal income tax	5		
Paid statutory activities	6		
Economic activity	7		
Membership contributions	8		
Agreements with designated water area managers	9		
Financial resources from the organization of training in the field of water rescue	10		

### 2.3. Suicide attempt/behaviours

The mock-ups of the tables for committed suicide and suicide attempts/behaviour are the same.

**Table 1. Number of people in suicide attempt/committed suicide**

Police unit	In total	Men	Women	Sex unidentified	Rural area	Urban area	Territory of another country
KGP – Poland							
KWP – Voivodship							
KMP/KPP – Powiat							

**Table 2. Number of people in suicide attempt/committed suicide by method of committing**

Police unit	In total	Poisoning by gas/ exhaust fumes	Poisoning with chemical/ toxic agents	Taking sleeping pills/ psychotropic drugs	Taking other drugs	Poisoning by intoxicants	Poisoning by designer drugs
KGP – Poland							
KWP – Voivodship							
KMP/KPP – Powiat							

**Table 2. Number of people in suicide attempt/committed suicide by method of committing - continued**

Police unit	Blood system damage	Superficial self-harm	Throwing yourself from a height	Drowning	Hang yourself	Throwing yourself in front of a moving vehicle	Shooting yourself/ use of firearms	Suffocation	Self-immolation	Others
KGP – Poland										
KWP – Voivodship										
KMP/KPP – Powiat										

**Table 3. Number of people in suicide attempt/committed suicide by cause of committing**

Police unit	In total	Mental illness/mental disorder	Physical illness	Carrier of the virus HIV / AIDS patient	Permanent disability	Family disagreement, domestic violence	Mobbing, cyber mobbing, harassment	Conflict with people outside the family	Heartbreak	Problems at school or at work	Sudden loss of a source of income
KGP – Poland											
KWP – Voivodship											
KMP/KPP – Powiat											

**Table 3. Number of people in suicide attempt/committed suicide by cause of committing - continued**

Police unit	Bad economic conditions, debt	Crime or offence committed	Unintended pregnancy	The death of close person	Damage to or loss of property	Sudden loss of health	Others not mentioned	Undetermined
KGP – Poland								
KWP – Voivodship								
KMP/KPP – Powiat								

**Table 4. Number of people in suicide attempt/committed suicide by marital status**

Police unit	In total	Bachelor/maiden	Married	Cohabitant	Widower/widow	Divorced	Separated	No data/undetermined
KGP – Poland								
KWP – Voivodship								
KMP/KPP – Powiat								

**Table 5. Number of people in suicide attempt/committed suicide by education level**

Police unit	In total	Elementary incomplete	Elementary	Vocational	Secondary	Post-secondary	Higher	No data/ undetermined
KGP – Poland								
KWP – Voivodship								
KMP/KPP – Poviast								

**Table 6. Number of people in suicide attempt/committed suicide by state of consciousness**

Police unit	In total	Sober	Under the influence of alcohol	Under the influence of intoxicants	Under the influence of drugs	Under the influence of alternative agents/ substances (designer drugs)	No data/ undetermined
KGP – Poland							
KWP – Voivodship							
KMP/KPP – Poviast							

**Table 7. Number of people in suicide attempt/committed suicide by sources of income**

Police unit	In total	Employment	Financial dependent on another person	Disability pension	Retirement	Benefit/alimony	No steady source of income	No data/ undetermined
KGP – Poland								
KWP – Voivodship								
KMP/KPP – Poviast								

**Table 8. Number of people in suicide attempt/committed suicide by groups of age**

Police unit	In total	up to 12 years	13–18	19–24	25–29	30–49	50–69	over 70 years	Undetermined
KGP – Poland									
KWP – Voivodship									
KMP/KPP – Poviast									

## 2.4. Drowning events

**Table 1. Drowning events by scene, days of the week and time of the incident, and number of people who drowned and were saved**

Police unit	Number of person in total	Drowning events in total	Scene		Day of the week							
			Urban	Rural	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
KGP – Poland												
KWP – Voivodship												
KMP/KPP – Powiat												

**Table 1. Drowning events by scene, days of the week and time of the incident, and number of people who drowned and were saved - continued**

Police unit	Time of the incident					Number of drowned people	The number of people saved
	00:00–05:59	06:00–11:59	12:00–17:59	18:00–23:59	undetermined		
KGP – Poland							
KWP – Voivodship							
KMP/KPP – Powiat							

**Table 2. Victims of drowning, by sex and groups of age**

Police unit	Victims of drowning		Groups of age						
	in total	women	up to 7 years	8-14	15-18	19-30	31-50	over 50 years	undetermined
KGP – Poland									
KWP – Voivodship									
KMP/KPP – Powiat									

**Table 3. Victims of drowning, by type of water reservoir and state of consciousness**

Police unit	Victims of drowning	Type of water reservoir							
		sea	river	lake	lagoon	pond	clay pit	swimming pool	others
KGP – Poland									
KWP – Voivodship									
KMP/KPP – Poviát									

**Table 3. Victims of drowning, by type of water reservoir and state of consciousness - continued**

Police unit	State of consciousness				
	sober	drunk	under the influence of intoxicants	under the influence of alternative agents/ substances (designer drugs)	no data/undetermined
KGP – Poland					
KWP – Voivodship					
KMP/KPP – Poviát					

**Table 4. Victims of drowning, by the circumstances of the event**

Police unit	Bathing in place			Imprudence during		
	unguarded	guarded	forbidden	fishing	staying close to water reservoir	others
KGP – Poland						
KWP – Voivodship						
KMP/KPP – Poviát						

## Annex 3. A list of variables

### 3.1. Fire safety, specialist rescue (technical, chemical and ecological)

- Total number of events,
- Total number of fires,
- Number of small fires,
- Number of medium fires,
- Number of big fires,
- Number of very big fires,
- Total number of local hazards,
- Number of small local hazards,
- Number of local local hazards,
- Number of medium local hazards,
- Number of big local hazards,
- Number of gigantic or natural disaster local hazards,
- Total number of false alarms,
- Number of malicious false alarms,
- Number of false alarms reported in good faith,
- Number of false alarms from detection installations,
- Total number of events by time of spotting,
- Number of events by time of noticing – from 0:01 AM to 6:00 AM,
- Number of events by time of noticing – from 6:01 AM to 9:00 AM,
- Number of events by time of noticing – from 9:01 AM to 3:00 PM,
- Number of events by time of noticing – from 3:01 PM to 8:00 PM,
- Number of events by time of noticing – from 8:01 PM to 0:00 AM,
- Drive time of units – from 6:01 AM to 8:00 PM – up to 5 min,
- Drive time of units – from 6:01 AM to 8:00 PM – 6–10 min,
- Drive time of units – from 6:01 AM to 8:00 PM – 11–15 min,
- Drive time of units – from 6:01 AM to 8:00 PM – 16–20 min,
- Drive time of units – from 6:01 AM to 8:00 PM – 21–30 min,
- Drive time of units – from 6:01 AM to 8:00 PM – over 30 min,
- Drive time of units – from 8:01 PM to 6:00 AM – up to 5 min,
- Drive time of units – from 8:01 PM to 6:00 AM – 6–10 min,
- Drive time of units – from 8:01 PM to 6:00 AM – 11–15 min,
- Drive time of units – from 8:01 PM to 6:00 AM – 16–20 min,
- Drive time of units – from 8:01 PM to 6:00 AM – 21–30 min,
- Drive time of units – from 8:01 PM to 6:00 AM – over 30 min,
- Action time – up to 30 min,
- Action time – 31–60 min,
- Action time – 61–120 min,
- Action time – 121–240 min,
- Action time – 241–720 min,
- Action time – up to 1 day,
- Action time – over 1 day,
- Total number of people involved in the events from firefighter units,
- Number of people involved in the events from JRG,
- Number of people involved in the events from OSP,
- Total number of vehicles involved in the events from firefighter units,
- Number of vehicles involved in the events from JRG,
- Number of vehicles involved in the events from OSP,
- Number of airplanes and helicopters involved in the events,
- Number of watercraft involved in the events,
- Total number of firefighter units,
- Number of firefighter units from JRG,
- Number of firefighter units from OSP,
- Involved equipment– cars,

- Involved equipment– airplanes and helicopters,
- Involved equipment – watercraft,
- Total number of fatalities in events,
- Total number of injured people in events,
- The number of fatalities among rescuers in fires,
- The number of injured among rescuers in fires,
- The number of fatalities among firefighters in fires,
- The number of injured among firefighters in fires,
- The number of fatalities among other people in fires,
- The number of injured among other people in fires,
- The number of fatalities among rescuers in local hazards,
- The number of injured among rescuers in local hazards,
- The number of fatalities among firefighters in local hazards,
- The number of injured among firefighters in local hazards,
- The number of fatalities among other people in local hazards,
- The number of injured among other people in local hazards,
- Total number of local hazards,
- Number of local hazard – strong winds,
- Number of local hazard – snowfall,
- Number of local hazard – rainfall,
- Number of local hazard – transport (in total roads, air, rail),
- Number of local hazard – medical.

**Technical rescue - construction:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Vehicles used in operations,
- Total number of victims,
- Victims – including fatalities.

**Technical rescue – on water area:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Vehicles used in operations,
- Total number of victims,
- Victims – including fatalities.

**Technical rescue in road transport:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Vehicles used in operations,
- Total number of victims,
- Victims – including fatalities.

**Technical rescue in rail transport:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Vehicles used in operations,
- Total number of victims,
- Victims – including fatalities.



**Technical rescue in air transport:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Total number of victims,
- Victims – including fatalities.

**Chemical rescue services:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Vehicles used in operations,
- Total number of victims,
- Victims – including fatalities.

**Ecological rescue services:**

- Total number of events,
- Number of firefighters involved in operation,
- Number of vehicles involved in operation,
- Total number of victims,
- Victims – including fatalities.

**3.2. Water rescue**

- Total number of water lifeguards,
- Number of water lifeguards including women,
- Total number of training staff,
- Number of training staff – water lifeguard,
- Number of training staff – instructors of water rescue,
- Total number of rescue actions carried out against drowning people,
- Number of rescue action carried out against drowning people – inland waters and coastal waters,
- Number of rescue action carried out against drowning people – bathing area,
- Number of rescue action carried out against drowning people – places occasionally used for bathing,
- Number of rescue action carried out against drowning people – swimming pools,
- Number of rescue action carried out against drowning people – other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m,
- Total number of rescue activities taken as qualified first aid,
- Rescue activities taken as qualified first aid – inland waters and coastal waters,
- Rescue activities taken as qualified first aid – bathing area,
- Rescue activities taken as qualified first aid – places occasionally used for bathing,
- Rescue activities taken as qualified first aid – swimming pools,
- Rescue activities taken as qualified first aid – other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m,
- Total number of rescue action taken as medical rescue activities,
- Rescue action taken as part of medical rescue activities – inland waters and coastal waters,
- Rescue action taken as part of medical rescue activities – bathing area,
- Rescue action taken as part of medical rescue activities – places occasionally used for bathing,
- Rescue action taken as part of medical rescue activities – swimming pools,
- Rescue action taken as part of medical rescue activities – other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m,
- Total number of transport of victims from the scene or victims at risk of loss of health or life in the water area,<sup>5</sup>
- Number of transport of victims from the scene or victims at risk of loss of health or life in the water area<sup>5</sup> – inland waters and coastal waters,
- Number of transport of victims from the scene or victims at risk of loss of health or life in the water area<sup>5</sup> – bathing area,

---

<sup>5</sup> Transport of victims to the State Medical Emergency, reference to Article 32(1) Act of 8 September 2006 on Medical State Emergency.

- Number of transport of victims from the scene or victims at risk of loss of health or life in the area<sup>5</sup> – places occasionally used for bathing,
- Number of transport of victims from the scene or victims at risk of loss of health or life in the area<sup>5</sup> – swimming pools,
- Number of transport of victims from the scene or victims at risk of loss of health or life in the area<sup>5</sup> – other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m,
- Total number of searching action of missing people in the water area,
- Number of searching action of missing people in the water area – inland waters and coastal waters,
- Number of searching action of missing people in the water area – bathing area,
- Number of searching action of missing people in the water area – places occasionally used for bathing,
- Number of searching action of missing people in the water area – swimming pools,
- Number of searching action of missing people in the water area – other facilities with swimming pools with a total area of more than 100 m<sup>2</sup> and a depth of more than 0.4 m at the deepest point or a depth of more than 1.2 m,
- The number of saved drowning persons,
- Number of rescue actions carried out against drowning people which resulted fatal,
- Total number of delivered trainings,
- Number of delivered trainings – including training for water lifeguards,
- Number of delivered trainings – including training for instructors of water rescue,
- Number of delivered trainings – Including training for rescue dogs with guides,
- Total number of people awarded with the certificate of acquired qualifications,
- Number of persons awarded with the certificate – for water lifeguards,
- Number of persons awarded with the certificate – for instructors of water rescue,
- Targeted subsidies from the state budget, administered by voivodes,
- Targeted subsidies from the budget of local government units,
- Donations,
- Inheritance and bequests,
- Donations from 1% of personal income tax,
- Paid statutory activities,
- Economic activity,
- Membership contributions,
- Agreements with designated water area managers,
- Financial resources from the organization of training in the field of water rescue.

### 3.3. Suicide attempt/behaviours

- Total number of people in suicide attempt,
- Number of people in suicide attempt which resulted fatal,
- Total number of people in suicide attempt – women,
- Number of people in suicide attempt which resulted fatal – women,
- Total number of people in suicide attempt – urban,
- Number of people in suicide attempt which resulted fatal – urban,
- Total number of people in suicide attempt – rural,
- Number of people in suicide attempt which resulted fatal – rural,
- By the method of committed suicide:
- Total number of people in suicide attempt – poisoning by gas/exhaust fumes,
- Number of people in suicide attempt which resulted fatal – poisoning by gas/exhaust fumes,
- Total number of people in suicide attempt – poisoning with chemical/toxic agents,
- Number of people in suicide attempt which resulted fatal –poisoning with chemical/toxic agents,
- Total number of people in suicide attempt – taking sleeping pills/psychotropic drugs,
- Number of people in suicide attempt which resulted fatal – taking sleeping pills/psychotropic drugs,
- Total number of people in suicide attempt – taking other drugs,
- Number of people in suicide attempt which resulted fatal – taking other drugs,
- Total number of people in suicide attempt – blood system damage,
- Number of people in suicide attempt which resulted fatal – blood system damage,
- Total number of people in suicide attempt – superficial self-harm,

- Number of people in suicide attempt which resulted fatal – superficial self-harm,
- Total number of people in suicide attempt – throwing yourself from a height,
- Number of people in suicide attempt which resulted fatal – throwing yourself from a height,
- Total number of people in suicide attempt – drowning,
- Number of people in suicide attempt which resulted fatal – drowning,
- Total number of people in suicide attempt – hang yourself,
- Number of people in suicide attempt which resulted fatal – hang yourself,
- Total number of people in suicide attempt – throwing yourself in front of a moving vehicle,
- Number of people in suicide attempt which resulted fatal – throwing yourself in front of a moving vehicle,
- Total number of people in suicide attempt – shooting yourself/use of firearms,
- Number of people in suicide attempt which resulted fatal – shooting yourself/use of firearms,
- Total number of people in suicide attempt – suffocation,
- Number of people in suicide attempt which resulted fatal – suffocation,
- Total number of people in suicide attempt – self-immolation,
- Number of people in suicide attempt which resulted fatal – self-immolation,
- Total number of people in suicide attempt – others,
- Number of people in suicide attempt which resulted fatal – others,

By the cause of committed suicide:

- Total number of people in suicide attempt – mental illness, mental disorder,
- Number of people in suicide attempt which resulted fatal – mental illness, mental disorder,
- Total number of people in suicide attempt – physical illness,
- Number of people in suicide attempt which resulted fatal – physical illness,
- Total number of people in suicide attempt – carrier of the virus HIV, AIDS patient,
- Number of people in suicide attempt which resulted fatal – carrier of the virus HIV, AIDS patient,
- Total number of people in suicide attempt – permanent disability,
- Number of people in suicide attempt which resulted fatal – permanent disability,
- Total number of people in suicide attempt – family disagreement, domestic violence,
- Number of people in suicide attempt which resulted fatal – family disagreement, domestic violence,
- Total number of people in suicide attempt – mobbing, cyber mobbing, harassment,
- Number of people in suicide attempt which resulted fatal – mobbing, cyber mobbing, harassment,
- Total number of people in suicide attempt – conflict with people outside the family,
- Number of people in suicide attempt which resulted fatal – conflict with people outside the family,
- Total number of people in suicide attempt – heartbreak,
- Number of people in suicide attempt which resulted fatal – heartbreak,
- Total number of people in suicide attempt – problems at school or at work,
- Number of people in suicide attempt which resulted fatal – problems at school or at work,
- Total number of people in suicide attempt – sudden loss of a source of income,
- Number of people in suicide attempt which resulted fatal – sudden loss of a source of income,
- Total number of people in suicide attempt – bad economic conditions, debt,
- Number of people in suicide attempt which resulted fatal – bad economic conditions, debt,
- Total number of people in suicide attempt – crime or offence committed,
- Number of people in suicide attempt which resulted fatal – crime or offence committed
- Total number of people in suicide attempt – unintended pregnancy,
- Number of people in suicide attempt which resulted fatal – unintended pregnancy,
- Total number of people in suicide attempt – the death of close person,
- Number of people in suicide attempt which resulted fatal – the death of close person,
- Total number of people in suicide attempt – damage to or loss of property,
- Number of people in suicide attempt which resulted fatal – damage to or loss of property,
- Total number of people in suicide attempt – sudden loss of health,
- Number of people in suicide attempt which resulted fatal – sudden loss of health,
- Total number of people in suicide attempt – others not mentioned,
- Number of people in suicide attempt which resulted fatal – others not mentioned,
- Total number of people in suicide attempt – undetermined,
- Number of people in suicide attempt which resulted fatal – undetermined,

By the marital status:

- Total number of people in suicide attempt – bachelor/maiden,

- Number of people in suicide attempt which resulted fatal – bachelor/maiden,
  - Total number of people in suicide attempt – married,
  - Number of people in suicide attempt which resulted fatal – married,
  - Total number of people in suicide attempt – cohabitant,
  - Number of people in suicide attempt which resulted fatal – cohabitant,
  - Total number of people in suicide attempt – widower/widow,
  - Number of people in suicide attempt which resulted fatal – widower/widow,
  - Total number of people in suicide attempt – divorced,
  - Number of people in suicide attempt which resulted fatal – divorced,
  - Total number of people in suicide attempt – separated,
  - Number of people in suicide attempt which resulted fatal – separated,
  - Total number of people in suicide attempt – no data/undetermined,
  - Number of people in suicide attempt which resulted fatal – no data/undetermined,
- By the education level:
- Total number of people in suicide attempt – elementary incomplete,
  - Number of people in suicide attempt which resulted fatal – elementary incomplete,
  - Total number of people in suicide attempt – elementary,
  - Number of people in suicide attempt which resulted fatal – elementary,
  - Total number of people in suicide attempt – vocational,
  - Number of people in suicide attempt which resulted fatal – vocational,
  - Total number of people in suicide attempt – secondary,
  - Number of people in suicide attempt which resulted fatal – secondary,
  - Total number of people in suicide attempt – higher,
  - Number of people in suicide attempt which resulted fatal – higher,
  - Total number of people in suicide attempt – no data/undetermined,
  - Number of people in suicide attempt which resulted fatal – no data/undetermined,
- By the state of consciousness:
- Total number of people in suicide attempt – sober,
  - Number of people in suicide attempt which resulted fatal – sober,
  - Total number of people in suicide attempt – under the influence of alcohol,
  - Number of people in suicide attempt which resulted fatal – under the influence of alcohol,
  - Total number of people in suicide attempt – under the influence of intoxicants,
  - Number of people in suicide attempt which resulted fatal – under the influence of intoxicants,
  - Total number of people in suicide attempt – under the influence of drugs,
  - Number of people in suicide attempt which resulted fatal – under the influence of drugs,
  - Total number of people in suicide attempt – under the influence of alternative agents/ substances (designer drugs),
  - Number of people in suicide attempt which resulted fatal – under the influence of alternative agents/substances (designer drugs),
  - Total number of people in suicide attempt – no data/undetermined,
  - Number of people in suicide attempt which resulted fatal – no data/undetermined,
- By the sources of income:
- Total number of people in suicide attempt – employment,
  - Number of people in suicide attempt which resulted fatal – employment,
  - Total number of people in suicide attempt – financial dependent on another person,
  - Number of people in suicide attempt which resulted fatal – financial dependent on another person,
  - Total number of people in suicide attempt – disability pension,
  - Number of people in suicide attempt which resulted fatal – disability pension,
  - Total number of people in suicide attempt – retirement,
  - Number of people in suicide attempt which resulted fatal – retirement,
  - Total number of people in suicide attempt – benefit/alimony,
  - Number of people in suicide attempt which resulted fatal – benefit/alimony,
  - Total number of people in suicide attempt – no steady source of income,
  - Number of people in suicide attempt which resulted fatal – no steady source of income,
  - Total number of people in suicide attempt – no data/undetermined,

- Number of people in suicide attempt which resulted fatal – no data/undetermined,  
*By the groups of age:*
- Total number of people in suicide attempt – up to 12 years,
- Number of people in suicide attempt which resulted fatal – up to 12 years,
- Total number of people in suicide attempt – 13–18,
- Number of people in suicide attempt which resulted fatal – 13–18,
- Total number of people in suicide attempt – 19–24,
- Number of people in suicide attempt which resulted fatal – 19–24,
- Total number of people in suicide attempt – 25–29,
- Number of people in suicide attempt which resulted fatal – 25–29,
- Total number of people in suicide attempt – 30–49,
- Number of people in suicide attempt which resulted fatal – 30–49,
- Total number of people in suicide attempt – 50–69,
- Number of people in suicide attempt which resulted fatal – 50–69,
- Total number of people in suicide attempt – over 70 years,
- Number of people in suicide attempt which resulted fatal – over 70 years,
- Total number of people in suicide attempt – age undetermined,
- Number of people in suicide attempt which resulted fatal – age undetermined.

### 3.4 Drowning events

- Total number of drowning incidents,
- Number of drowning incidents – urban,
- Number of drowning incidents – rural,
- Total number of victims of drowning,
- Number of victims of drowning – women,
- Number of victims of drowning – up to 7 years,
- Number of victims of drowning – 8–14,
- Number of victims of drowning – 15–18,
- Number of victims of drowning – 19–30,
- Number of victims of drowning – 31–50,
- Number of victims of drowning – over 50 years,
- Number of victims of drowning – age undetermined,
- Total number of saved drowning people,
- Total number of drowning incidents,  
*By the day of week:*
- Number of drowning incidents – Monday,
- Number of drowning incidents – Tuesday,
- Number of drowning incidents – Wednesday,
- Number of drowning incidents – Thursday,
- Number of drowning incidents – Friday,
- Number of drowning incidents – Saturday,
- Number of drowning incidents – Sunday,
- Number of drowning incidents – day undetermined,  
*By the time of event:*
- Number of drowning incidents – 00:00–05:59,
- Number of drowning incidents – 06:00–11:59,
- Number of drowning incidents – 12:00–17:59,
- Number of drowning incidents – 18:00–23:59,
- Number of drowning incidents – hour undetermined,  
*By the type of water reservoir:*
- Number of victims of drowning – sea,
- Number of victims of drowning – river,
- Number of victims of drowning – lake,
- Number of victims of drowning – pond,
- Number of victims of drowning – lagoon,
- Number of victims of drowning – others,

By the state of of consciousness:

- Number of victims of drowning – sober,
- Number of victims of drowning – drunk,
- Number of victims of drowning – under the influence of intoxicants and alternative agents (designer drugs),
- Number of victims of drowning – untermiated,
- Number of victims of drowning – bathing in place unguarded,
- Number of victims of drowning – bathing in place guarded,
- Number of victims of drowning – bathing in place forbidden,
- Number of victims of drowning – imprudence during fishing,
- Number of victims of drowning – imprudence during staying close to water,
- Number of victims of drowning – imprudence during – others.