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DRG

DIAGNOSIS RELATED GROUPS

ANNUAL REPORT JANUARY – DECEMBER 2009

Prepared by: DRG Work Group – Health Insurance Fund

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1.INTRODUCTION

A new mechanism of recording and financing of the hospital services called diagnosis related groups (DRG) was introduced as an integral part of the reform in the Macedonian healthcare system.

Starting from 01.01.2009 the Health Insurance Fund of Macedonia has began to apply the new DRG way of billing for the healthcare services in the hospital healthcare.

The Macedonian DRG model is based on the Australian classification called Australian Refined Diagnosis Related Groups (AR-DRG version 5.2). ICD-10-AM *The International statistic classification of diseases and related health problems, tenth revision, Australian classification of health interventions (ACHI)*, published at the HIFM website, is the base of AR-DRG.

The introduction and implementation of the DRG model in Macedonia is expected to fulfill the following goals:

- Equalization of the costs of the healthcare services in all healthcare institutions in the Republic of Macedonia for the same diagnosis groups and same complexity,
- Improvement of the efficiency in the utilization of the available funds (material and human resources),
- Planning of the types and scope of the services and planning of the resources,
- Independence of the operations of the healthcare institutions, improved responsibility and accountability,
- Responsibility for good quality and economic operations,
- Equal distribution of the funds depending on the healthcare services performed,
- Providing more quality healthcare services for the insured persons,
- Rational utilization of the funds, reduction of the costs, reduction of the length of hospitalization,
- Providing health protection according to the needs of the population.

In order to enable more efficient use of the DRG system in Macedonia, a DRG work group was established with a principal task to monitor the implementation of the system and to take part in its improvement and upgrade in cooperation with all participants involved in the implementation of DRG.

Basic concept of the DRG model

DRG is a method of classification of the acute patients in groups which have similar consumption of resources and similar clinical properties.

After the adoption of the Australian version AR-DRG 5.2 with 665 DRG groups, applicative software called Grouper was prepared. It is used to enter certain number of personal and medical data in order to determine the DRG service performed by a certain hospital to a certain patient.

The standard data required for determination of the DRG which are the main reasons that may influence the cost variations are the following:

- Principal diagnosis
- Significant procedures performed on the patient during the treatment
- Other diagnoses that influence the treatment
- Patient's age
- Newborn weight at admission
- Destination after release (home, other hospital, etc.)

Any group (except the ones generated with mistaken coding 960Z, 961Z and 963Z) is given a relative complexity depending on the complexity of the case and the intensity of the services required to treat the patient.

Based on the available budget and the coefficients of the services, HIFM in 2009 has defined the reference prices for any DRG service. These prices are published at the HIFM website (www.fzo.org.mk).

The basic idea of payment according to DRG is payment by episodes where an episode is a treatment period between the admission to the release from hospital. The duration of the episode may be one or several days and the complete healthcare is included in the price.

One of the most significant advantages of this type of recording, billing and payment of the healthcare services is the possibility to compare the hospitals and to review their operations.

Using the data from the Grouper base, HIFM has prepared an annual report for the operations of all healthcare institutions which bill their services according to the DRG classification in the period January – December 2009.

2. METHODOLOGY AND DEFINITIONS

Although the implementation of the DRG coding started in February 2008, after the upgrade of the Grouper, the electronic gathering of the DRG data started from 1st of July of the same year, only for recording purposes, not for the financial reporting purposes. The healthcare institutions started to bill HIFM on 01.01.2009 and the statistical processing of the data started from this period.

The processed data apply to all public healthcare institutions on tertiary and secondary level that perform:

- acute hospital healthcare,
- hospital healthcare of healthy newborns,
- psychiatric healthcare.

HIFM takes the data directly from the web application and that data are controlled by HIFM.

The analysis includes the number of all acute cases, DRG severity, CMI index, the total and average number of days in hospital, average age according to DRG, the number of cases with complications and co-morbidity, the most common primary diagnoses, the number of cases by main diagnostic category and by ICD-10 classification chapter, average number of diagnoses and procedures by cases and the utilization of the hospital capacities expressed through the number of hospital beds, doctors and nurses in the relevant healthcare institution.

The data gathered according to the DRG method are analyzed in order to be able to make the relevant calculations of the results of the hospital operations and in order to provide a feedback about the quality of their coding.

ACUTE HOSPITAL CARE is a set of activities (investigations, diagnostics, treatment) which are provided to the patient during the entire health care in the hospital. Depending on the length of stay in the hospital, the acute hospital care may be:

SAMEDAY hospital is a one day hospitalization in order to undertake intervention diagnostic and therapeutic procedures that last up to 24 hours. The medication treatment is not coded.

Several day hospitalization lasts for more than 24 hours, continuously, includes overnight stay and used bed.

CASE is a single episode of giving a healthcare to a hospitalized patient from the admission to release, transfer in another hospital or death of the patient. The duration of the episode may be one or several days and all the costs incurred in that period are included in the price.

PRINCIPAL DIAGNOSIS is the most significant element in the coding according to DRG classification. It is defined as a diagnosis placed after all analyses and it is the main reason for admission in the healthcare institution.

SECONDARY DIAGNOSIS is a medical condition, which has been present in the time of admission or occurred during the hospital treatment. It is a medical condition which influences the treatment of the patient and provokes the need for diagnostic investigation and/or stronger care or monitoring.

PROCEDURE is a clinical intervention which meets one or several of the following criteria:

- It is surgical by its nature
- It has a procedural risk
- There is an anesthesia risk
- Requires specialized training

- Requires spatial capacities or equipment available only in the institutions for acute health protection.

DAYS OF STAY is the total number of days of stay for a single episode of treatment from the admission to the release of the patient.

MAIN DIAGNOSTIC CATEGORY (MDC) is defined as a category based on single body system or etiology and it is connected to a certain medical specialty.

ICD-10 CHAPTERS where the diseases are organized in *special groups* (epidemic diseases, constitution or general diseases, development diseases and injuries) and chapters for *body systems* (local diseases, organized according to place).

DRG SEVERITY is the total value of the severity of all DRG services performed. It is calculated by multiplication of the number of cases with the severity (coefficient) of the relevant DRG group.

CMI (Case mix index) is the main indicator for comparison of the hospitals. It shows the average clinical complexity of the patients in the hospital in certain time period. The CMI is significantly influenced by the average number of secondary diagnoses and services per patient.

3. STATISTICAL ANALYSIS OF DRG DATA

The data included in this report cover the period January – December 2009. They are analyzed on annual and trimester level, monitoring the dynamics of the relevant trends and enabling comparison of the hospitals on national level and according to the international standards.

The Grouper provides data for 50 healthcare institutions, classified according to the types and scope of the health services provided, including 15 general hospitals, 25 clinics and 10 specialized hospitals:

General hospitals:

1. VELES GENERAL HOSPITAL
2. GEVGELIJA GENERAL HOSPITAL
3. GOSTIVAR GENERAL HOSPITAL
4. DEBAR GENERAL HOSPITAL
5. KAVADARCI GENERAL HOSPITAL
6. KICEVO GENERAL HOSPITAL
7. KOCANI GENERAL HOSPITAL
8. KUMANOVO GENERAL HOSPITAL
9. OHRID GENERAL HOSPITAL
10. PRILEP GENERAL HOSPITAL
11. STRUGA GENERAL HOSPITAL
12. STRUMICA GENERAL HOSPITAL
13. CLINICAL HOSPITAL BITOLA
14. CLINICAL HOSPITAL TETOVO
15. CLINICAL HOSPITAL STIP

Clinics:

1. CLINIC FOR GASTROENTEROHEPATOLOGY SKOPJE
2. CLINIC FOR MAXILLO-FACIAL SURGERY SKOPJE
3. CLINIC FOR GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE
4. CLINIC FOR DERMATOLOGY SKOPJE
5. CLINIC FOR CHILD SURGERY SKOPJE
6. CLINIC FOR CHILD DISEASES SKOPJE
7. CLINIC FOR DIGESTIVE SURGERY SKOPJE
8. CLINIC FOR ENDOCRINOLOGY SKOPJE
9. CLINIC FOR INFECTIVE DISEASES SKOPJE
10. CLINIC FOR CARDIOLOGY SKOPJE
11. CLINIC FOR NEUROLOGY SKOPJE
12. CLINIC FOR NEUROSURGERY SKOPJE
13. CLINIC FOR NEPHROLOGY SKOPJE
14. CLINIC FOR ORTHOPEDIC DISEASES SKOPJE
15. CLINIC FOR EYE DISEASES SKOPJE
16. CLINIC FOR PLASTIC AND RECONSTRUCTIVE SURGERY
17. CLINIC FOR PSYCHIATRIC SKOPJE
18. CLINIC FOR PULMOLOGY AND ALERGOLOGY SKOPJE
19. CLINIC FOR RHEUMATOLOGY SKOPJE
20. CLINIC FOR TOXICOLOGY SKOPJE
21. CLINIC FOR THORACIC AND VASCULAR SURGERY SKOPJE
22. CLINIC FOR TRAUMATOLOGY SKOPJE
23. CLINIC FOR UROLOGY SKOPJE
24. CLINIC FOR HEMATOLOGY SKOPJE
25. CLINIC FOR EAR, NOSE AND THROAT SKOPJE

Specialized hospitals:

1. NEPHROLOGY INSTITUTE STRUGA
2. INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID

3. INSTITUTE FOR RADIO THERAPY AND ONCOLOGY
4. INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS
5. INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE
6. SPECIALIZED HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO
7. SPECIALIZED HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID
8. SPECIALIZED HOSPITAL LESOK
9. SPECIALIZED HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR
10. SPECIALIZED HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI

The overview of the total number of recorded cases in the period January – December shows that most of the DRG cases are registered on the territory of the city of Skopje with 89,601 cases or 41.19% of the total 217,514 cases:

- 55.96% of the total number of coded cases are in the general hospitals
- 32.17% in the clinics
- 11.86% of the DRG cases are in the specialized hospitals.

The complexity of the cases or the case mix index on national level is 0.89 and it is an average complexity of the cases recorded during the year.

Average number of patients in the hospitals (ALOS), on national level, is 6.25 days which is reduced compared to the period January – June by 0.40% which is one of the goals of the DRG system. Regarding the type of healthcare institution, the average stay is:

- 5.8 days in the general hospitals
- 6.2 days in the clinics
- 7.9 days in the special hospitals. The reduction of the average stay is most significant in this group with:
 - 9.5 days in January
 - 7.5 days in December.

The most common DRGs are the following:

- P67D *Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem* (5.9 %)
- O60C *Vaginal Delivery Single Uncomplicated without Other Condition* (4.95 %)
- E62C *Respiratory Infections/Inflammations without complications* (3.62 %)
- P67C *Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem* (3.05%)
- D63B *Otitis Media and URI without complications* (2.4 %)

Note:

The analysis of the data shows that:

- 37% of the total number of newborns with weight over 2500 grams are born with some problem (the cause may be a mistake during coding or medical problem in PHI)
- 27% of the total number of vaginal deliveries are with complications (the cause may be a mistake during coding or medical problem in PHI)
- out of the total number of cases with DRG code A07Z, only 12 showed correct DRG code and the other are result of entering a wrong procedure

The review of 50 most common principal diagnoses according ICD-10 shows the following are the most common diagnoses:

- Z38.0 *Singleton, born in hospital* (5.26%)
- O80 *Single spontaneous delivery* (5.08 %)
- J18.0 *Bronchopneumonia, unspecified* (2.53%)
- J18.9 *Pneumonia, unspecified* (1.65%)

- J03.9 *Acute tonsillitis, unspecified* (1.55%)

The review according to ICD-10 classification shows that most of the cases (57.5%) are recorded with principal diagnoses from the following five groups:

- *Diseases of the respiratory system* (14.69%)
- *Pregnancy, childbirth, puerperium* (12.49%)
- *Diseases of the circulatory system* (10.87%)
- *Diseases of the digestive system* (9.83%)
- *Factors influencing health status and contact with health services* (9.66%)

The review according to major diagnostic category – MDC shows that most of the DRG diagnoses relate to:

- *Pregnancy, childbirth, puerperium* (13.32%)
- *Diseases and disorders of the respiratory system* (11.47%)
- *Diseases and disorders of the digestive system* (10.62%)
- *Newborns* (9.95%)
- *Diseases and disorders of the circulatory system* (8.95%)

The review of error codes on the level of all hospitals is 155 or 0.07% and it is within the framework of the statistically allowed error codes.

The review of the utilization of the hospital capacities shows that the total number of hospital beds for acute cases is 6,897, total number of doctors is 1,810 and the total number of nurses is 3,340. The utilization of the hospital capacities on national level is 52.94%, distributed as follows:

- General hospitals 50.88%,
- Specialized hospitals 40.83%,
- Clinics 65%.

Part I: DATA FOR THE PERIOD JANUARY – DECEMBER 2009

Overview by healthcare institutions

HEALTHCARE INSTITUTION	Number of cases	% number of cases	DRG severity	% DRG severity	Case mix index	Total days of stay	% days of stay	Average stay
2	3	4	5	6	7	8	9	10
PHI GENERAL HOSPITAL KICEVO	3.282	2,7	1.979	2,18	0,6	20.354	2,84	6,2
PHI GENERAL HOSPITAL DEBAR	2.210	1,82	1.448	1,59	0,66	13.784	1,92	6,24
PHI GENERAL HOSPITAL KOCANI	4.819	3,96	3.293	3,62	0,68	31.943	4,46	6,63
PHI GENERAL HOSPITAL PRILEP	9.726	7,99	8.359	9,19	0,86	58.475	8,17	6,01
PHI GENERAL HOSPITAL KAVADARCI	5.760	4,73	3.934	4,32	0,68	28.527	3,98	4,95
PHI GENERAL HOSPITAL STRUMICA	10.949	8,99	7.514	8,26	0,69	63.019	8,8	5,76
PHI GENERAL HOSPITAL OHRID	5.796	4,76	4.945	5,44	0,85	35.320	4,93	6,09
PHI GENERAL HOSPITAL GEVGELIJA	3.313	2,72	2.432	2,67	0,73	17.144	2,39	5,17
PHI GENERAL HOSPITAL VELES	8.205	6,74	6.309	6,94	0,77	51.347	7,17	6,26
PHI GENERAL HOSPITAL GOSTIVAR	6.341	5,21	4.839	5,32	0,76	34.613	4,83	5,46
PHI GENERAL HOSPITAL KUMANOVO	10.293	8,46	7.071	7,77	0,69	58.214	8,13	5,66
PHI GENERAL HOSPITAL STRUGA	5.677	4,66	3.982	4,38	0,7	25.023	3,49	4,41
PHI CLINICAL HOSPITAL BITOLA	14.653	12,04	13.013	14,31	0,89	108.686	15,18	7,42
PHI CLINICAL HOSPITAL TETOVO	19.037	15,64	12.192	13,4	0,64	83.511	11,66	4,39
PHI CLINICAL HOSPITAL STIP	11.670	9,59	9.644	10,6	0,83	86.102	12,02	7,38
Total General Hospitals	121.731	100	90.954	100	0,75	716.062	100	5,88
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	15.840	22,64	14.099	18,66	0,89	81.303	18,49	5,13
THORACIC AND VASCULAR SURGERY CLINIC	1.895	2,71	2.811	3,72	1,48	14.759	3,36	7,79
EYE DISEASES CLINIC SKOPJE	2.802	4	1.840	2,44	0,66	7.379	1,68	2,63
MAXILLO-FACIAL SURGERY CLINIC	707	1,01	791	1,05	1,12	4.115	0,94	5,82
UROLOGY CLINIC	1.998	2,86	1.865	2,47	0,93	11.136	2,53	5,57
TRAUMATOLOGY CLINIC SKOPJE	1.547	2,21	2.750	3,64	1,78	10.637	2,42	6,88
NEUROLOGY CLINIC SKOPJE	2.164	3,09	2.736	3,62	1,26	25.890	5,89	11,96
CHILD DISEASES CLINIC SKOPJE	6.286	8,98	5.966	7,9	0,95	41.755	9,5	6,64
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	1.940	2,77	1.747	2,31	0,9	7.300	1,66	3,76
DIGESTIVE SURGERY CLINIC SKOPJE	2.326	3,32	4.241	5,61	1,82	18.133	4,12	7,8
EAR, NOSE AND THROAT CLINIC SKOPJE	2.425	3,47	3.178	4,21	1,31	7.615	1,73	3,14
INFECTIVE DISEASES CLINIC SKOPJE	3.958	5,66	3.954	5,23	1	35.573	8,09	8,99
PULMOLOGY AND ALERGOLOGY CLINIC	1.555	2,22	1.825	2,42	1,17	15.527	3,53	9,99
ORTHOPEDIC DISEASES CLINIC SKOPJE	2.158	3,08	3.336	4,42	1,55	21.124	4,81	9,79
NEPHROLOGY CLINIC	1.306	1,87	2.099	2,78	1,61	13.635	3,1	10,44
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	5.293	7,56	3.005	3,98	0,57	14.349	3,26	2,71
RHEUMATOLOGY CLINIC SKOPJE	645	0,92	636	0,84	0,99	6.494	1,48	10,07
PSYCHIATRIC CLINIC SKOPJE	599	0,86	917	1,21	1,53	21.854	4,97	36,48
TOXICOLOGY CLINIC SKOPJE	485	0,69	269	0,36	0,55	2.633	0,6	5,43
CHILD SURGERY CLINIC SKOPJE	1.457	2,08	1.568	2,08	1,08	10.046	2,29	6,89
NEUROSURGERY CLINIC SKOPJE	1.394	1,99	4.231	5,6	3,04	12.712	2,89	9,12
ENDOCRINOLOGY CLINIC SKOPJE	834	1,19	653	0,86	0,78	4.547	1,03	5,45
HEMATOLOGY CLINIC SKOPJE	3.236	4,62	2.194	2,9	0,68	18.112	4,12	5,6
DERMATOLOGY CLINIC SKOPJE	497	0,71	425	0,56	0,86	6.635	1,51	13,35

CARDIOLOGY CLINIC	6.631	9,48	8.413	11,14	1,27	26.359	6	3,98
Total Clinics	69.978	100	75.548	100	1,04	439.622	100	6,05
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	7.333	28,42	4.971	18,94	0,68	27.780	13,56	3,79
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	1.011	3,92	1.426	5,43	1,41	15.763	7,7	15,59
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5.756	22,31	6.373	24,28	1,11	33.326	16,27	5,79
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	1.876	7,27	3.520	13,41	1,88	35.141	17,16	18,73
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	3.735	14,47	2.805	10,69	0,75	27.087	13,23	7,25
NEPHROLOGY INSTITUTE STRUGA	478	1,85	448	1,71	0,94	2.741	1,34	5,73
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	1.788	6,93	1.503	5,73	0,84	26.726	13,05	14,95
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	1.141	4,42	1.264	4,82	1,11	13.447	6,57	11,79
PHI SPECIAL HOSPITAL LESOK	935	3,62	1.401	5,34	1,5	12.248	5,98	13,1
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	1.752	6,79	2.536	9,66	1,45	10.554	5,15	6,02
Total Special Hospitals	25.805	100	26.248	100	1,15	204.813	100	9,58
Total	217.514	100	192.749	100	0,89	1.360.497	100	6,25

By healthcare institution types

HEALTHCARE INSTITUTION	Number of cases	% number of cases	DRG severity	% DRG severity	Case mix index	Total days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9
General hospitals	121.731	55,96	90.954	47,19	0,75	716.062	52,63	5,88
Clinics	69.978	32,17	75.548	39,19	1,04	439.622	32,31	6,28
Special hospitals	25.805	11,86	26.248	13,62	1,15	204.813	15,05	7,94
Total	217.514	100	192.749	100	0,89	1.360.497	100	6,25

Note:

The total number of cases until 01.07.2009 includes the cases which are only recorded by DRG (dialysis, chemotherapy and therapy with expensive and specific drugs). After the introduction of the new version of the Grouper starting from 01.07.2009, these cases are coded with the mark EDB and serve only for recording purposes and they are not included in the total number of cases, specification and invoice by DRG.

The total number of cases until 26.03.2009 include the admissions for rehabilitation and medication therapy in sameday clinic which are not paid by DRG anymore.

DRG which make 80% of the total number of DRG services

Item	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	12.162	5,59	3.807,92	1,98	36.619	2,69	3,01
2	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	10.769	4,95	6.481,86	3,36	35.331	2,6	3,28
3	E62C	Respiratory Infections/Inflammations without complications	7.874	3,62	4.714,16	2,45	61.470	4,52	7,8
4	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	6.627	3,05	5.033,21	2,61	30.939	2,27	4,66
5	D63B	Otitis Media and URI without complications	5.210	2,4	2.166,84	1,12	28.943	2,13	5,55
6	O01C	Caesarean Delivery without Catastrophic or Severe complications	4.265	1,96	6.156,95	3,19	27.662	2,03	6,48
7	O66A	Antenatal and Other Obstetric Admission	3.923	1,8	1.865,80	0,97	18.996	1,4	4,84
8	O60B	Vaginal Delivery without Catastrophic or Severe complications	3.650	1,68	2.796,27	1,45	14.829	1,09	4,06
9	G09Z	Inguinal and Femoral Hernia Procedures Age>0	3.133	1,44	2.091,59	1,09	15.653	1,15	4,99
10	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	3.125	1,44	2.813,44	1,46	25.456	1,87	8,14
11	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	2.898	1,33	3.866,22	2,01	26.817	1,97	9,25
12	L61Z	Admit for Renal Dialysis	2.826	1,3	333,9	0,17	6.938	0,51	2,45
13	N10Z	Diagnostic Curettage or Diagnostic Hysteroscopy	2.658	1,22	808,83	0,42	3.188	0,23	1,19
14	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	2.612	1,2	4.200,88	2,18	30.188	2,22	11,55
15	O05Z	Abortion with operation room Procedure	2.520	1,16	1.577,77	0,82	3.499	0,26	1,38
16	C16A	Lens Procedures	2.463	1,13	1.862,24	0,97	7.768	0,57	3,15
17	E69C	Bronchitis and Asthma Age <50 without complications	2.404	1,11	1.117,62	0,58	14.407	1,06	5,99
18	B70C	Stroke without Catastrophic or Severe complications	2.295	1,06	3.233,43	1,68	26.623	1,96	11,6
19	L64Z	Urinary Stones and Obstruction	2.131	0,98	1.132,20	0,59	12.467	0,92	5,85
20	G67B	Oesophagitis, Gastroent & Misc Digestive Systm Disorders Age>9 without catastrophic/severe complications	2.116	0,97	957,91	0,5	8.655	0,64	4,09
21	G68B	Gastroenteritis Age <10 without complications	2.103	0,97	753,08	0,39	8.179	0,6	3,88
22	G45B	Other Gastroscopy for Non-Major Digestive Disease, Sameday	1.934	0,89	411,28	0,21	874	0,06	0,45
23	H63B	Disorders of Liver Excep Malig, Cirrhosis, Alcoholic Hepatitis without catastrophic/severe complications	1.903	0,87	1.823,64	0,95	17.655	1,3	9,27
24	K60B	Diabetes without Catastrophic or Severe complications	1.898	0,87	1.203,14	0,62	15.622	1,15	8,23
25	N09Z	Conisation, Vagina, Cervix and Vulva Procedures	1.880	0,86	650,1	0,34	8.255	0,61	4,39
26	G07B	Appendectomy without Catastrophic or Severe complications	1.796	0,83	1.907,17	0,99	9.113	0,67	5,07
27	I68B	Non-surgical Spinal Disorders without complications	1.766	0,81	1.157,97	0,6	16.249	1,19	9,2
28	F66B	Coronary Atherosclerosis without complications	1.730	0,8	667,43	0,35	9.552	0,7	5,52
29	D11Z	Tonsillectomy and/or Adenoidectomy	1.698	0,78	877,87	0,46	5.888	0,43	3,46
30	E69B	Bronchitis and Asthma Age >49 or with complications	1.633	0,75	1.191,11	0,62	11.445	0,84	7
31	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	1.537	0,71	1.043,62	0,54	11.466	0,84	7,45
32	R63Z	Chemotherapy	1.530	0,7	348,53	0,18	3.349	0,25	2,18
33	F75C	Other Circulatory System Diagnoses without Catastrophic or Severe complications	1.501	0,69	788,03	0,41	9.676	0,71	6,44
34	J11Z	Other Skin, Subcutaneous Tissue and Breast Procedures	1.432	0,66	532,56	0,28	3.738	0,27	2,61
35	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	1.400	0,64	2.588,32	1,34	9.272	0,68	6,62
36	F62B	Heart Failure and Shock without Catastrophic complications	1.395	0,64	1.547,47	0,8	10.592	0,78	7,59
37	F66A	Coronary Atherosclerosis with complications	1.344	0,62	707,62	0,37	10.123	0,74	7,53
38	F42B	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures without Complex DX/Pr	1.318	0,61	1.243,27	0,65	2.101	0,15	1,59
39	F42A	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures with Complex DX/Pr	1.314	0,6	1.758,53	0,91	6.403	0,47	4,87
40	D63A	Otitis Media and URI with complications	1.273	0,59	863,35	0,45	6.824	0,5	5,36
41	F72B	Unstable Angina without Catastrophic or Severe complications	1.216	0,56	677,8	0,35	7.345	0,54	6,04
42	N62B	Menstrual and Other Female Reproductive System Disorders without complications	1.178	0,54	437,98	0,23	3.929	0,29	3,33

43	J65B	Trauma to the Skin, Subcutaneous Tissue and Breast Age <70	1.152	0,53	448,82	0,23	3.016	0,22	2,61
44	N04Z	Hysterectomy for Non-Malignancy	1.134	0,52	1.677,19	0,87	14.140	1,04	12,46
45	G68A	Gastroenteritis Age <10 with complications	1.113	0,51	677,48	0,35	5.749	0,42	5,16
46	T63B	Viral Illness Age <60 without complications	1.054	0,48	478,52	0,25	6.879	0,51	6,52
47	L63C	Kidney and Urinary Tract Infections Age <70 without Catastrophic or Severe complications	1.037	0,48	500,56	0,26	6.547	0,48	6,31
48	G66B	Abdominal Pain or Mesenteric Adenitis without complications	1.006	0,46	351,8	0,18	2.489	0,18	2,47
49	H64B	Disorders of the Biliary Tract without complications	984	0,45	565,9	0,29	4.874	0,36	4,95
50	D61Z	Dysequilibrium	962	0,44	304,18	0,16	7.079	0,52	7,35
51	I69C	Bone Diseases and Spec Arthropathies Age <75 without Catastrophic or Severe complications	958	0,44	1.018,55	0,53	7.127	0,52	7,43
52	F60B	Circulatory Disorders with AMI without Invasive Cardiac investigation procedures without catastrophic or severe complications	955	0,44	977,73	0,51	7.489	0,55	7,84
53	C15A	Glaucoma and Complex Cataract Procedures	952	0,44	671,25	0,35	2.601	0,19	2,73
54	O64A	False Labour Before 37 Weeks or with Catastrophic complications	948	0,44	323,17	0,17	3.532	0,26	3,72
55	J67A	Minor Skin Disorders	932	0,43	547,81	0,28	5.965	0,44	6,4
56	F67B	Hypertension without complications	932	0,43	298,61	0,15	5.315	0,39	5,7
57	M04B	Testes Procedures without complications	851	0,39	531,88	0,28	3.839	0,28	4,51
58	R61B	Lymphoma and Non-Acute Leukaemia without Catastrophic complications	848	0,39	1.086,03	0,56	11.870	0,87	13,99
59	B76B	Seizure without Catastrophic or Severe complications	835	0,38	456,41	0,24	5.445	0,4	6,52
60	N07Z	Other Uterine and Adnexa Procedures for Non-Malignancy	824	0,38	895,28	0,46	6.284	0,46	7,62
61	G70B	Other Digestive System Diagnoses without complications	824	0,38	401,54	0,21	2.780	0,2	3,37
62	B69B	TIA and Precerebral Occlusion without Catastrophic or Severe complications	778	0,36	360,37	0,19	5.370	0,39	6,9
63	F65B	Peripheral Vascular Disorders without Catastrophic or Severe complications	775	0,36	637,36	0,33	10.203	0,75	13,16
64	F15Z	Percutaneous Coronary Intervention without AMI with Stent Implantation	774	0,36	1.431,13	0,74	1.411	0,1	1,82
65	B80Z	Other Head Injury	768	0,35	325,02	0,17	2.359	0,17	3,07
66	U63B	Major Affective Disorders Age <70 without Catastrophic or Severe complications	759	0,35	841,05	0,44	14.903	1,1	19,63
67	U64Z	Other Affective and Somatoform Disorders	732	0,34	929,05	0,48	9.765	0,72	13,34
68	F67A	Hypertension with complications	705	0,32	553,85	0,29	6.366	0,47	9,02
69	G08B	Abdominal and Other Hernia Procedures Age 1 to 59 without catastrophic or severe complications	705	0,32	499,99	0,26	3.291	0,24	4,66
70	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	672	0,31	1.666,29	0,86	8.931	0,66	13,29
71	L67C	Other Kidney and Urinary Tract Diagnoses without Catastrophic or Severe complications	666	0,31	446,09	0,23	4.484	0,33	6,73
72	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	665	0,31	929,8	0,48	4.751	0,35	7,14
73	B70B	Stroke with Severe complications	660	0,3	1.423,62	0,74	8.818	0,65	13,36
74	J08B	Other Skin Graft and/or Debridement Procedures without Catastrophic or Severe complications	653	0,3	637,59	0,33	2.537	0,19	3,88
75	F71B	Non-Major Arrhythmia and Conduction Disorders without Catastrophic or Severe complications	644	0,3	426,07	0,22	2.836	0,21	4,4
76	I03C	Hip Replacement without Catastrophic or Severe complications	620	0,29	2.517,94	1,31	10.732	0,79	17,3
77	F14C	Vascular procedures Except Major Reconstruction without CPB Pump without catastrophic or severe complications	615	0,28	692,98	0,36	2.468	0,18	4,01
78	E71C	Respiratory Neoplasms without complications	607	0,28	638,56	0,33	6.090	0,45	10,03
79	I18Z	Other Knee Procedures	602	0,28	545,53	0,28	3.359	0,25	5,57
80	H08B	Laparoscopic Cholecystectomy without Closed CDE without catastrophic or severe complications	584	0,27	608,47	0,32	2.242	0,16	3,83
81	P66C	Neonate, AdmWt 2000-2499 g without Significant operation room Procedure with Other Problem	575	0,26	1.062,31	0,55	3.927	0,29	6,82
82	J68A	Major Skin Disorders	561	0,26	703,88	0,37	8.575	0,63	15,28
83	G02B	Major Small and Large Bowel Procedures without Catastrophic complications	546	0,25	1.477,37	0,77	6.646	0,49	12,17
84	I13C	Humerus, Tibia, Fibula and Ankle Procedures Age <60 without catastrophic or severe complications	542	0,25	834,57	0,43	3.967	0,29	7,31
85	Z60B	Rehabilitation without Catastrophic or Severe complications	538	0,25	762,68	0,4	10.518	0,77	19,55
86	L07B	Transurethral Procedures Except Prostatectomy without Catastrophic or Severe complications	531	0,24	390,82	0,2	2.870	0,21	5,4

87	O01B	Caesarean Delivery with Severe complications	530	0,24	1.047,23	0,54	4.440	0,33	8,37
88	I23Z	Local Excision and Removal of Internal Fixation Device Excl Hip and Femur	526	0,24	411,91	0,21	2.625	0,19	4,99
89	F10Z	Percutaneous Coronary Intervention with AMI	519	0,24	1.328,22	0,69	2.773	0,2	5,34
90	G08A	Abdominal and Other Hernia Procedures Age >59 or with (catastrophic or severe complications)	519	0,24	614,08	0,32	3.087	0,23	5,94
91	J64B	Cellulitis (Age >59 without Catastrophic or Severe complications) or Age <60	515	0,24	336,4	0,17	3.039	0,22	5,9
92	E71B	Respiratory Neoplasms with Severe or Moderate complications	509	0,23	772,97	0,4	4.671	0,34	9,17
93	G60B	Digestive Malignancy without Catastrophic or Severe complications	503	0,23	520,15	0,27	4.347	0,32	8,64
94	J06A	Major Procedures for Malignant Breast Conditions	501	0,23	816,88	0,42	3.611	0,27	7,2
95	I30Z	Hand Procedures	486	0,22	472,49	0,25	1.454	0,11	2,99
96	F63B	Venous Thrombosis without Catastrophic or Severe complications	486	0,22	401,34	0,21	4.933	0,36	10,15
97	E64Z	Pulmonary Oedema and Respiratory Failure	472	0,22	544,69	0,28	3.136	0,23	6,64
98	O60A	Vaginal Delivery with Catastrophic or Severe complications	464	0,21	524,6	0,27	5.501	0,4	11,85
99	F75B	Other Circulatory System Diagnoses with Severe complications	452	0,21	456,25	0,24	3.331	0,24	7,36
100	G42A	Other Gastroscopy for Major Digestive Disease	417	0,19	463,04	0,24	3.165	0,23	7,58
101	D09Z	Miscellaneous Ear, Nose, Mouth and Throat Procedures	412	0,19	365,07	0,19	1.152	0,08	2,79
102	G11B	Anal and Stomal Procedures without Catastrophic or Severe complications	396	0,18	312,64	0,16	1.966	0,14	4,96
103	I27B	Soft Tissue Procedures without Catastrophic or Severe complications	394	0,18	402,79	0,21	2.167	0,16	5,5
104	G67A	Oesophagitis, Gastroent & Misc Digestive System Disorders Age >9 with catastrophic/severe complications	374	0,17	469,82	0,24	2.285	0,17	6,1
105	E69A	Bronchitis and Asthma Age >49 with complications	374	0,17	360,65	0,19	3.357	0,25	8,97
106	Q62Z	Coagulation Disorders	361	0,17	303,75	0,16	2.423	0,18	6,71
107	V62A	Alcohol Use Disorder and Dependence	353	0,16	339,98	0,18	4.415	0,32	12,5
108	R60C	Acute Leukaemia without Catastrophic or Severe complications	352	0,16	511,98	0,27	6.225	0,46	17,68
109	O02B	Vaginal Delivery with operation room Procedure without Catastrophic or Severe complications	349	0,16	321,36	0,17	1.437	0,11	4,11
110	U61A	Schizophrenia Disorders with Mental Health Legal Status	342	0,16	474,7	0,25	6.357	0,47	18,58
111	I19Z	Other Elbow or Forearm Procedures	322	0,15	361,38	0,19	1.684	0,12	5,22
112	I78B	Fractures of Neck of Femur without Catastrophic or Severe complications	319	0,15	346,47	0,18	2.478	0,18	7,76
113	B02C	Craniotomy without complications	310	0,14	954,99	0,5	3.684	0,27	11,88
114	M60B	Malignancy, Male Reproductive System without Catastrophic or Severe complications	296	0,14	410,4	0,21	1.287	0,09	4,34
115	L04C	Kidney, Ureter and Major Bladder Procedures for Non-Neoplasm without complications	287	0,13	398,76	0,21	2.952	0,22	10,28
116	A06Z	Tracheostomy or Ventilation >95 hours	283	0,13	4.678,50	2,43	4.960	0,36	17,52
117	L60B	Renal Failure with Severe complications	278	0,13	476,24	0,25	2.957	0,22	10,63
118	H64A	Disorders of the Biliary Tract with complications	276	0,13	348,06	0,18	1.848	0,14	6,69
119	K60A	Diabetes with Catastrophic or Severe complications	273	0,13	518,13	0,27	2.323	0,17	8,5
120	B63Z	Dementia and Other Chronic Disturbances of Cerebral Function	244	0,11	713,14	0,37	3.174	0,23	13
121	K06Z	Thyroid Procedures	231	0,11	327,03	0,17	1.638	0,12	7,09
122	H08A	Laparoscopic Cholecystectomy with Closed CDE or with (catastrophic or severe complications)	225	0,1	480,78	0,25	978	0,07	4,34
123	H63A	Disorders of Liver Except Malig, Cirrhosis, Alcoholic Hepatitis with catastrophic/severe complications	216	0,1	455	0,24	2.482	0,18	11,49
124	Z64A	Other Factors Influencing Health Status	212	0,1	453,34	0,24	2.347	0,17	11,07
125	P65C	Neonate, AdmWt 1500-1999 g without Significant operation room Procedure with Other Problem	210	0,1	634	0,33	2.684	0,2	12,78
126	N05B	Oophorectomies and Complex Fallopian Tube procedures for Non-Malig without catastrophic or severe complications	201	0,09	300	0,16	2.194	0,16	10,91
127	E01B	Major Chest Procedures without Catastrophic complications	199	0,09	589	0,31	2.513	0,18	12,62
128	E62A	Respiratory Infections/Inflammations with Catastrophic complications	198	0,09	461,22	0,24	2.546	0,19	12,85
129	Z60A	Rehabilitation with Catastrophic or Severe complications	194	0,09	533,24	0,28	4.659	0,34	24,01
130	M01Z	Major Male Pelvic Procedures	187	0,09	519,28	0,27	2.545	0,19	13,6
131	I10B	Other Back and Neck Procedures without Catastrophic or Severe complications	186	0,09	356,15	0,18	1.694	0,12	9,1

132	I68A	Non-surgical Spinal Disorders with complications	179	0,08	326,98	0,17	2.061	0,15	11,51
133	G03C	Stomach, Oesophageal and Duodenal Procedures without Malignancy without catastrophic or severe complications	175	0,08	295,23	0,15	1.573	0,12	8,98
134	B70A	Stroke with Catastrophic complications	169	0,08	753,88	0,39	2.392	0,18	14,15
135	I08A	Other Hip and Femur Procedures with Catastrophic or Severe complications	168	0,08	659,32	0,34	2.502	0,18	14,89
136	B60B	Established Paraplegia/Quadriplegia with or without operation room procedures without Catastrophic complications	165	0,08	502,11	0,26	2.991	0,22	18,12
137	G01B	Rectal Resection without Catastrophic complications	157	0,07	547,16	0,28	1.909	0,14	12,15
138	H01B	Pancreas, Liver and Shunt Procedures without Catastrophic complications	148	0,07	456,03	0,24	2.001	0,15	13,52
139	F12Z	Cardiac Pacemaker Implantation	137	0,06	546,51	0,28	696	0,05	5,08
140	L60A	Renal Failure with Catastrophic complications	132	0,06	434,72	0,23	1.407	0,1	10,65
141	T60A	Septicaemia with Catastrophic or Severe complications	131	0,06	321,29	0,17	2.016	0,15	15,38
142	I03B	Hip Replacement with catastrophic or severe complications or Hip Revision without catastrophic or severe complications	129	0,06	638,92	0,33	2.600	0,19	20,15
143	F08B	Major Reconstruct Vascular Procedures without CPB Pump without Catastrophic complications	127	0,06	395,49	0,21	1.387	0,1	10,92
144	F11B	Amputation for Circ System Except Upper Limb and Toe without Catastrophic complications	126	0,06	444,02	0,23	2.424	0,18	19,23
145	I04Z	Knee Replacement and Reattachment	124	0,06	565,07	0,29	2.988	0,22	24,09
146	G03A	Stomach, Oesophageal and Duodenal Procedures with Malignancy	118	0,05	712,06	0,37	1.720	0,13	14,57
147	E60B	Cystic Fibrosis without Catastrophic or Severe complications	116	0,05	299,06	0,16	1.093	0,08	9,42
148	P06B	Neonate, AdmWt >2499 g with Significant operation room Procedure without Multi Major Problems	112	0,05	593,3	0,31	842	0,06	7,51
149	P66B	Neonate, AdmWt 2000-2499 g without Significant operation room Procedure with Major Problem	108	0,05	338,23	0,18	1.164	0,09	10,77
150	T64A	Other Infectious and Parasitic Diseases with Catastrophic or Severe complications	106	0,05	340,1	0,18	1.892	0,14	17,84
151	U62A	Paranoia & Acute Psych Disorder with catastrophic/severe complications or with Mental Health Legal Status	89	0,04	370,68	0,19	1.998	0,15	22,44
152	B02B	Craniotomy with Severe or Moderate complications	88	0,04	421,59	0,22	1.466	0,11	16,65
153	P65B	Neonate, AdmWt 1500-1999 g without Significant operation room Procedure with Major Problem	78	0,04	313,2	0,16	1.725	0,13	22,11
154	G02A	Major Small and Large Bowel Procedures with Catastrophic complications	76	0,03	402,41	0,21	1.204	0,09	15,84
155	B67A	Degenerative Nervous System Disorders with catastrophic or severe complications	76	0,03	292,09	0,15	798	0,06	10,5
156	P64Z	Neonate, AdmWt 1250-1499 g without Significant operation room Procedure	71	0,03	576,34	0,3	1.844	0,14	25,97
157	P63Z	Neonate, AdmWt 1000-1249 g without Significant operation room Procedure	42	0,02	402,03	0,21	1.524	0,11	36,28
158	B60A	Established Paraplegia/Quadriplegia with or without operation room procedures with Catastrophic complications	32	0,01	356,82	0,19	768	0,06	24
159	P03Z	Neonate, AdmWt 1000-1499 g with Significant operation room Procedure	30	0,01	673,55	0,35	1.006	0,07	33,53
160	A07Z	Allogeneic Bone Marrow Transplant	28	0,01	445,21	0,23	671	0,05	23,96
161	P04Z	Neonate, AdmWt 1500-1999 g with Significant operation room Procedure	28	0,01	381,61	0,2	774	0,06	27,64
162	P62Z	Neonate, AdmWt 750-999 g	17	0,01	614,72	0,32	692	0,05	40,7
Total:			174.053	80,02	155.061,48	80,45	1.070.189	78,66	6,15
Other:			43.461	19,98	37.688,02	19,55	290.308	21,34	6,68
Total:			217.514	100	192.749,50	100	1.360.497	100	6,25

DRG which make 80% of the severity index

Item	DRG	DRG severity	% DRG severity	Number of cases	% number of cases	Days of stay	% days of stay	Average stay	
1	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	6.482	3,36	10.769	4,95	35.331	2,6	3,28
2	O01C	Caesarean Delivery without Catastrophic or Severe complications	6.157	3,19	4.265	1,96	27.662	2,03	6,48
3	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	5.033	2,61	6.627	3,05	30.939	2,27	4,66
4	E62C	Respiratory Infections/Inflammations without complications	4.714	2,45	7.874	3,62	61.470	4,52	7,8
5	A06Z	Tracheostomy or Ventilation >95 hours	4.678	2,43	283	0,13	4.960	0,36	17,52
6	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	4.201	2,18	2.612	1,2	30.188	2,22	11,55
7	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	3.866	2,01	2.898	1,33	26.817	1,97	9,25
8	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	3.808	1,98	12.162	5,59	36.619	2,69	3,01
9	B70C	Stroke without Catastrophic or Severe complications	3.233	1,68	2.295	1,06	26.623	1,96	11,6
10	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	2.813	1,46	3.125	1,44	25.456	1,87	8,14
11	O60B	Vaginal Delivery without Catastrophic or Severe complications	2.796	1,45	3.650	1,68	14.829	1,09	4,06
12	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	2.588	1,34	1.400	0,64	9.272	0,68	6,62
13	I03C	Hip Replacement without Catastrophic or Severe complications	2.518	1,31	620	0,29	10.732	0,79	17,3
14	D63B	Otitis Media and URI without complications	2.167	1,12	5.210	2,4	28.943	2,13	5,55
15	G09Z	Inguinal and Femoral Hernia Procedures Age>0	2.092	1,09	3.133	1,44	15.653	1,15	4,99
16	G07B	Appendectomy without Catastrophic or Severe complications	1.907	0,99	1.796	0,83	9.113	0,67	5,07
17	O66A	Antenatal and Other Obstetric Admission	1.866	0,97	3.923	1,8	18.996	1,4	4,84
18	C16A	Lens Procedures	1.862	0,97	2.463	1,13	7.768	0,57	3,15
19	H63B	Disorders of Liver Excep Malig, Cirrhosis, Alcoholic Hepatitis without catastrophic/severe complications	1.824	0,95	1.903	0,87	17.655	1,3	9,27
20	F42A	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures with Complex DX/Pr	1.759	0,91	1.314	0,6	6.403	0,47	4,87
21	N04Z	Hysterectomy for Non-Malignancy	1.677	0,87	1.134	0,52	14.140	1,04	12,46
22	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	1.666	0,86	672	0,31	8.931	0,66	13,29
23	O05Z	Abortion with operation room Procedure	1.578	0,82	2.520	1,16	3.499	0,26	1,38
24	F62B	Heart Failure and Shock without Catastrophic complications	1.547	0,8	1.395	0,64	10.592	0,78	7,59
25	G02B	Major Small and Large Bowel Procedures without Catastrophic complications	1.477	0,77	546	0,25	6.646	0,49	12,17
26	F15Z	Percutaneous Coronary Intervention without AMI with Stent Implantation	1.431	0,74	774	0,36	1.411	0,1	1,82
27	B70B	Stroke with Severe complications	1.424	0,74	660	0,3	8.818	0,65	13,36
28	F10Z	Percutaneous Coronary Intervention with AMI	1.328	0,69	519	0,24	2.773	0,2	5,34
29	F42B	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures without Complex DX/Pr	1.243	0,65	1.318	0,61	2.101	0,15	1,59
30	K60B	Diabetes without Catastrophic or Severe complications	1.203	0,62	1.898	0,87	15.622	1,15	8,23
31	E69B	Bronchitis and Asthma Age >49 or with complications	1.191	0,62	1.633	0,75	11.445	0,84	7
32	I68B	Non-surgical Spinal Disorders without complications	1.158	0,6	1.766	0,81	16.249	1,19	9,2
33	L64Z	Urinary Stones and Obstruction	1.132	0,59	2.131	0,98	12.467	0,92	5,85
34	E69C	Bronchitis and Asthma Age <50 without complications	1.118	0,58	2.404	1,11	14.407	1,06	5,99
35	R61B	Lymphoma and Non-Acute Leukaemia without Catastrophic complications	1.086	0,56	848	0,39	11.870	0,87	13,99
36	P66C	Neonate, AdmWt 2000-2499 g without Significant operation room Procedure with Other Problem	1.062	0,55	575	0,26	3.927	0,29	6,82
37	O01B	Caesarean Delivery with Severe complications	1.047	0,54	530	0,24	4.440	0,33	8,37
38	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	1.044	0,54	1.537	0,71	11.466	0,84	7,45
39	I69C	Bone Diseases and Spec Arthropathies Age <75 without Catastrophic or Severe complications	1.019	0,53	958	0,44	7.127	0,52	7,43
40	F60B	Circulatory Disorders with AMI without Invasive Cardiac investigation procedures without catastrophic or severe complications	978	0,51	955	0,44	7.489	0,55	7,84

41	G67B	Oesophagitis, Gastroent & Misc Digestive System Disorders Age>9 without catastrophic/severe complications	958	0,5	2.116	0,97	8.655	0,64	4,09
42	B02C	Craniotomy without complications	955	0,5	310	0,14	3.684	0,27	11,88
43	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	930	0,48	665	0,31	4.751	0,35	7,14
44	U64Z	Other Affective and Somatoform Disorders	929	0,48	732	0,34	9.765	0,72	13,34
45	N07Z	Other Uterine and Adnexa Procedures for Non-Malignancy	895	0,46	824	0,38	6.284	0,46	7,62
46	D11Z	Tonsillectomy and/or Adenoidectomy	878	0,46	1.698	0,78	5.888	0,43	3,46
47	D63A	Otitis Media and URI with complications	863	0,45	1.273	0,59	6.824	0,5	5,36
48	U63B	Major Affective Disorders Age <70 without Catastrophic or Severe complications	841	0,44	759	0,35	14.903	1,1	19,63
49	I13C	Humerus, Tibia, Fibula and Ankle Procedures Age <60 without catastrophic or severe complications	835	0,43	542	0,25	3.967	0,29	7,31
50	J06A	Major Procedures for Malignant Breast Conditions	817	0,42	501	0,23	3.611	0,27	7,2
51	N10Z	Diagnostic Curettage or Diagnostic Hysteroscopy	809	0,42	2.658	1,22	3.188	0,23	1,19
52	F75C	Other Circulatory System Diagnoses without Catastrophic or Severe complications	788	0,41	1.501	0,69	9.676	0,71	6,44
53	E71B	Respiratory Neoplasms with Severe or Moderate complications	773	0,4	509	0,23	4.671	0,34	9,17
54	Z60B	Rehabilitation without Catastrophic or Severe complications	763	0,4	538	0,25	10.518	0,77	19,55
55	B70A	Stroke with Catastrophic complications	754	0,39	169	0,08	2.392	0,18	14,15
56	G68B	Gastroenteritis Age <10 without complications	753	0,39	2.103	0,97	8.179	0,6	3,88
57	B63Z	Dementia and Other Chronic Disturbances of Cerebral Function	713	0,37	244	0,11	3.174	0,23	13
58	G03A	Stomach, Oesophageal and Duodenal Procedures with Malignancy	712	0,37	118	0,05	1.720	0,13	14,57
59	F66A	Coronary Atherosclerosis with complications	708	0,37	1.344	0,62	10.123	0,74	7,53
60	J68A	Major Skin Disorders	704	0,37	561	0,26	8.575	0,63	15,28
61	F14C	Vascular procedures Except Major Reconstruction without CPB Pump without catastrophic or severe complications	693	0,36	615	0,28	2.468	0,18	4,01
62	F72B	Unstable Angina without Catastrophic or Severe complications	678	0,35	1.216	0,56	7.345	0,54	6,04
63	G68A	Gastroenteritis Age <10 with complications	677	0,35	1.113	0,51	5.749	0,42	5,16
64	P03Z	Neonate, AdmWt 1000-1499 g with Significant operation room Procedure	674	0,35	30	0,01	1.006	0,07	33,53
65	C15A	Glaucoma and Complex Cataract Procedures	671	0,35	952	0,44	2.601	0,19	2,73
66	F66B	Coronary Atherosclerosis without complications	667	0,35	1.730	0,8	9.552	0,7	5,52
67	I08A	Other Hip and Femur Procedures with Catastrophic or Severe complications	659	0,34	168	0,08	2.502	0,18	14,89
68	N09Z	Conisation, Vagina, Cervix and Vulva Procedures	650	0,34	1.880	0,86	8.255	0,61	4,39
69	I03B	Hip Replacement with catastrophic or severe complications or Hip Revision without catastrophic or severe complications	639	0,33	129	0,06	2.600	0,19	20,15
70	E71C	Respiratory Neoplasms without complications	639	0,33	607	0,28	6.090	0,45	10,03
71	J08B	Other Skin Graft and/or Debridement Procedures without Catastrophic or Severe complications	638	0,33	653	0,3	2.537	0,19	3,88
72	F65B	Peripheral Vascular Disorders without Catastrophic or Severe complications	637	0,33	775	0,36	10.203	0,75	13,16
73	P65C	Neonate, AdmWt 1500-1999 g without Significant operation room Procedure with Other Problem	634	0,33	210	0,1	2.684	0,2	12,78
74	P62Z	Neonate, AdmWt 750-999 g	615	0,32	17	0,01	692	0,05	40,7
75	G08A	Abdominal and Other Hernia Procedures Age >59 or with (catastrophic or severe complications)	614	0,32	519	0,24	3.087	0,23	5,94
76	H08B	Laparoscopic Cholecystectomy without Closed CDE without catastrophic or severe complications	608	0,32	584	0,27	2.242	0,16	3,83
77	P06B	Neonate, AdmWt >2499 g with Significant operation room Procedure without Multi Major Problems	593	0,31	112	0,05	842	0,06	7,51
78	E01B	Major Chest Procedures without Catastrophic complications	589	0,31	199	0,09	2.513	0,18	12,62
79	P64Z	Neonate, AdmWt 1250-1499 g without Significant operation room Procedure	576	0,3	71	0,03	1.844	0,14	25,97
80	H64B	Disorders of the Biliary Tract without complications	566	0,29	984	0,45	4.874	0,36	4,95
81	I04Z	Knee Replacement and Reattachment	565	0,29	124	0,06	2.988	0,22	24,09
82	F67A	Hypertension with complications	554	0,29	705	0,32	6.366	0,47	9,02
83	J67A	Minor Skin Disorders	548	0,28	932	0,43	5.965	0,44	6,4
84	G01B	Rectal Resection without Catastrophic complications	547	0,28	157	0,07	1.909	0,14	12,15
85	F12Z	Cardiac Pacemaker Implantation	547	0,28	137	0,06	696	0,05	5,08

86	I18Z	Other Knee Procedures	546	0,28	602	0,28	3.359	0,25	5,57
87	E64Z	Pulmonary Oedema and Respiratory Failure	545	0,28	472	0,22	3.136	0,23	6,64
88	Z60A	Rehabilitation with Catastrophic or Severe complications	533	0,28	194	0,09	4.659	0,34	24,01
89	J11Z	Other Skin, Subcutaneous Tissue and Breast Procedures	533	0,28	1.432	0,66	3.738	0,27	2,61
90	M04B	Testes Procedures without complications	532	0,28	851	0,39	3.839	0,28	4,51
91	O60A	Vaginal Delivery with Catastrophic or Severe complications	525	0,27	464	0,21	5.501	0,4	11,85
92	G60B	Digestive Malignancy without Catastrophic or Severe complications	520	0,27	503	0,23	4.347	0,32	8,64
93	M01Z	Major Male Pelvic Procedures	519	0,27	187	0,09	2.545	0,19	13,6
94	K60A	Diabetes with Catastrophic or Severe complications	518	0,27	273	0,13	2.323	0,17	8,5
95	R60C	Acute Leukaemia without Catastrophic or Severe complications	512	0,27	352	0,16	6.225	0,46	17,68
96	B60B	Established Paraplegia/Quadriplegia with or without operation room procedures without Catastrophic complications	502	0,26	165	0,08	2.991	0,22	18,12
97	L63C	Kidney and Urinary Tract Infections Age <70 without Catastrophic or Severe complications	501	0,26	1.037	0,48	6.547	0,48	6,31
98	G08B	Abdominal and Other Hernia Procedures Age 1 to 59 without catastrophic or severe complications	500	0,26	705	0,32	3.291	0,24	4,66
99	H08A	Laparoscopic Cholecystectomy with Closed CDE or with (catastrophic or severe complications)	481	0,25	225	0,1	978	0,07	4,34
100	T63B	Viral Illness Age <60 without complications	479	0,25	1.054	0,48	6.879	0,51	6,52
100	L60B	Renal Failure with Severe complications	476	0,25	278	0,13	2.957	0,22	10,63
100	U61A	Schizophrenia Disorders with Mental Health Legal Status	475	0,25	342	0,16	6.357	0,47	18,58
100	I30Z	Hand Procedures	472	0,25	486	0,22	1.454	0,11	2,99
100	G67A	Oesophagitis, Gastroent & Misc Digestive System Disorders Age >9 with catastrophic/severe complications	470	0,24	374	0,17	2.285	0,17	6,1
110	G42A	Other Gastroscopy for Major Digestive Disease	463	0,24	417	0,19	3.165	0,23	7,58
110	E62A	Respiratory Infections/Inflammations with Catastrophic complications	461	0,24	198	0,09	2.546	0,19	12,85
110	B76B	Seizure without Catastrophic or Severe complications	456	0,24	835	0,38	5.445	0,4	6,52
110	F75B	Other Circulatory System Diagnoses with Severe complications	456	0,24	452	0,21	3.331	0,24	7,36
110	H01B	Pancreas, Liver and Shunt Procedures without Catastrophic complications	456	0,24	148	0,07	2.001	0,15	13,52
110	H63A	Disorders of Liver Except Malig, Cirrhosis, Alcoholic Hepatitis with catastrophic/severe complications	455	0,24	216	0,1	2.482	0,18	11,49
110	Z64A	Other Factors Influencing Health Status	453	0,24	212	0,1	2.347	0,17	11,07
110	J65B	Trauma to the Skin, Subcutaneous Tissue and Breast Age <70	449	0,23	1.152	0,53	3.016	0,22	2,61
110	L67C	Other Kidney and Urinary Tract Diagnoses without Catastrophic or Severe complications	446	0,23	666	0,31	4.484	0,33	6,73
110	A07Z	Allogeneic Bone Marrow Transplant	445	0,23	28	0,01	671	0,05	23,96
120	F11B	Amputation for Circ System Except Upper Limb and Toe without Catastrophic complications	444	0,23	126	0,06	2.424	0,18	19,23
120	N62B	Menstrual and Other Female Reproductive System Disorders without complications	438	0,23	1.178	0,54	3.929	0,29	3,33
120	L60A	Renal Failure with Catastrophic complications	435	0,23	132	0,06	1.407	0,1	10,65
120	F71B	Non-Major Arrhythmia and Conduction Disorders without Catastrophic or Severe complications	426	0,22	644	0,3	2.836	0,21	4,4
120	B02B	Craniotomy with Severe or Moderate complications	422	0,22	88	0,04	1.466	0,11	16,65
120	I23Z	Local Excision and Removal of Internal Fixation Device Excl Hip and Femur	412	0,21	526	0,24	2.625	0,19	4,99
120	G45B	Other Gastroscopy for Non-Major Digestive Disease, Sameday	411	0,21	1.934	0,89	874	0,06	0,45
120	M60B	Malignancy, Male Reproductive System without Catastrophic or Severe complications	410	0,21	296	0,14	1.287	0,09	4,34
120	I27B	Soft Tissue Procedures without Catastrophic or Severe complications	403	0,21	394	0,18	2.167	0,16	5,5
120	G02A	Major Small and Large Bowel Procedures with Catastrophic complications	402	0,21	76	0,03	1.204	0,09	15,84
130	P63Z	Neonate, AdmWt 1000-1249 g without Significant operation room Procedure	402	0,21	42	0,02	1.524	0,11	36,28
130	G70B	Other Digestive System Diagnoses without complications	402	0,21	824	0,38	2.780	0,2	3,37
130	F63B	Venous Thrombosis without Catastrophic or Severe complications	401	0,21	486	0,22	4.933	0,36	10,15
130	L04C	Kidney, Ureter and Major Bladder Procedures for Non-Neoplasm without complications	399	0,21	287	0,13	2.952	0,22	10,28
130	F08B	Major Reconstruct Vascular Procedures without CPB Pump without Catastrophic complications	395	0,21	127	0,06	1.387	0,1	10,92

130	L07B	Transurethral Procedures Except Prostatectomy without Catastrophic or Severe complications	391	0,2	531	0,24	2.870	0,21	5,4
130	P04Z	Neonate, AdmWt 1500-1999 g with Significant operation room Procedure	382	0,2	28	0,01	774	0,06	27,64
130	U62A	Paranoia & Acute Psych Disorder with catastrophic/severe complications or with Mental Health Legal Status	371	0,19	89	0,04	1.998	0,15	22,44
130	D09Z	Miscellaneous Ear, Nose, Mouth and Throat Procedures	365	0,19	412	0,19	1.152	0,08	2,79
130	I19Z	Other Elbow or Forearm Procedures	361	0,19	322	0,15	1.684	0,12	5,22
140	E69A	Bronchitis and Asthma Age >49 with complications	361	0,19	374	0,17	3.357	0,25	8,97
140	B69B	TIA and Precerebral Occlusion without Catastrophic or Severe complications	360	0,19	778	0,36	5.370	0,39	6,9
140	B60A	Established Paraplegia/Quadriplegia with or without operation room procedures with Catastrophic complications	357	0,19	32	0,01	768	0,06	24
140	I10B	Other Back and Neck Procedures without Catastrophic or Severe complications	356	0,18	186	0,09	1.694	0,12	9,1
140	G66B	Abdominal Pain or Mesenteric Adenitis without complications	352	0,18	1.006	0,46	2.489	0,18	2,47
140	R63Z	Chemotherapy	349	0,18	1.530	0,7	3.349	0,25	2,18
140	H64A	Disorders of the Biliary Tract with complications	348	0,18	276	0,13	1.848	0,14	6,69
140	I78B	Fractures of Neck of Femur without Catastrophic or Severe complications	346	0,18	319	0,15	2.478	0,18	7,76
140	T64A	Other Infectious and Parasitic Diseases with Catastrophic or Severe complications	340	0,18	106	0,05	1.892	0,14	17,84
140	V62A	Alcohol Use Disorder and Dependence	340	0,18	353	0,16	4.415	0,32	12,5
150	P66B	Neonate, AdmWt 2000-2499 g without Significant operation room Procedure with Major Problem	338	0,18	108	0,05	1.164	0,09	10,77
150	J64B	Cellulitis (Age >59 without Catastrophic or Severe complications) or Age <60	336	0,17	515	0,24	3.039	0,22	5,9
150	L61Z	Admit for Renal Dialysis	334	0,17	2.826	1,3	6.938	0,51	2,45
150	K06Z	Thyroid Procedures	327	0,17	231	0,11	1.638	0,12	7,09
150	I68A	Non-surgical Spinal Disorders with complications	327	0,17	179	0,08	2.061	0,15	11,51
150	B80Z	Other Head Injury	325	0,17	768	0,35	2.359	0,17	3,07
150	O64A	False Labour Before 37 Weeks or with Catastrophic complications	323	0,17	948	0,44	3.532	0,26	3,72
150	O02B	Vaginal Delivery with operation room Procedure without Catastrophic or Severe complications	321	0,17	349	0,16	1.437	0,11	4,11
150	T60A	Septicaemia with Catastrophic or Severe complications	321	0,17	131	0,06	2.016	0,15	15,38
150	P65B	Neonate, AdmWt 1500-1999 g without Significant operation room Procedure with Major Problem	313	0,16	78	0,04	1.725	0,13	22,11
160	G11B	Anal and Stomal Procedures without Catastrophic or Severe complications	313	0,16	396	0,18	1.966	0,14	4,96
160	D61Z	Dysequilibrium	304	0,16	962	0,44	7.079	0,52	7,35
160	Q62Z	Coagulation Disorders	304	0,16	361	0,17	2.423	0,18	6,71
160	N05B	Oophorectomies and Complex Fallopian Tube procedures for Non-Malignant without catastrophic or severe complications	300	0,16	201	0,09	2.194	0,16	10,91
160	E60B	Cystic Fibrosis without Catastrophic or Severe complications	299	0,16	116	0,05	1.093	0,08	9,42
160	F67B	Hypertension without complications	299	0,15	932	0,43	5.315	0,39	5,7
Total:			154.474	80,14	173.802	79,9	1.067.818	78,49	6,14
Other:			38.275	19,86	43.712	20,1	292.679	21,51	6,70
Total:			192.749	100	217.514	100	1.360.497	100	6,25

50 most common principal diagnoses

Principal diagnosis according to ICD-10		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
Z38.0	SINGLETON, BORN IN HOSPITAL	11.440	5,26	4.860	2,52	35.415	2,6	3,10
O80	SINGLE SPONTANEOUS DELIVERY	11.057	5,08	6.776	3,52	36.692	2,7	3,32
J18.0	BRONCHOPNEUMONIA, UNSPECIFIED	5.512	2,53	4.824	2,50	42.218	3,1	7,66
J18.9	PNEUMONIA, UNSPECIFIED	3.581	1,65	2.947	1,53	29.369	2,16	8,20
J03.9	ACUTE TONSILLITIS, UNSPECIFIED	3.367	1,55	1.577	0,82	15.084	1,11	4,48
I20.0	UNSTABLE ANGINA	2.895	1,33	3.198	1,66	15.020	1,1	5,19
Z49.1	EXTRACORPOREAL DIALYSIS	2.832	1,30	398	0,21	7.030	0,52	2,48
I20.9	ANGINA PECTORIS, UNSPECIFIED	2.798	1,29	2.630	1,36	8.192	0,6	2,93
J20.9	ACUTE BRONCHITIS, UNSPECIFIED	2.580	1,19	1.469	0,76	15.531	1,14	6,02
O82	SINGLE DELIVERY BY CAESAREAN SECTION	2.428	1,12	3.554	1,84	15.603	1,15	6,43
J44.1	CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH ACUTE EXACERBATION, UNSPECIFIED	2.236	1,03	2.807	1,46	23.020	1,69	10,30
K40.30	UNILATERAL OR UNSPECIFIED INGUINAL HERNIA, WITH OBSTRUCTION, WITHOUT GANGRENE, UNSPECIFIED AS RECURRENT	1.634	0,75	1.168	0,61	7.470	0,55	4,57
A09	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN	1.634	0,75	933	0,48	7.804	0,57	4,78
K52.9	NONINFECTIVE GASTROENTERITIS AND COLITIS, UNSPECIFIED	1.630	0,75	707	0,37	6.334	0,47	3,89
K40.90	UNILATERAL operation room UNSPECIFIED INGUINAL HERNIA, WITHOUT OBSTRUCTION operation room GANGRENE, UNSPECIFIED AS RECURRENT	1.560	0,72	1.117	0,58	8.105	0,6	5,20
Z51.1	CHEMOTHERAPY SESSION FOR NEOPLASM	1.532	0,70	349	0,18	3.385	0,25	2,21
I10	ESSENTIAL (PRIMARY) HYPERTENSION	1.531	0,70	850	0,44	11.030	0,81	7,20
K35.9	ACUTE APPENDICITIS, UNSPECIFIED	1.497	0,69	1.494	0,78	7.031	0,52	4,70
I63.3	CEREBRAL INFARCTION DUE TO THROMBOSIS OF CEREBRAL ARTERIES	1.497	0,69	2.537	1,32	16.923	1,24	11,31
H25.0	SENILE INCIPENT CATARACT	1.469	0,68	1.072	0,56	4.047	0,3	2,76
K29.5	CHRONIC GASTRITIS, UNSPECIFIED	1.386	0,64	465	0,24	2.693	0,2	1,94
P59.9	NEONATAL JAUNDICE, UNSPECIFIED	1.285	0,59	914	0,47	5.837	0,43	4,54
K80.10	CALCULUS OF GALLBLADDER WITH OTHER CHOLECYSTITIS, WITHOUT INDICATION OF OBSTRUCTION	1.284	0,59	1.803	0,94	6.925	0,51	5,39
O02.1	MISSED ABORTION	1.260	0,58	782	0,41	1.457	0,11	1,16
P39.9	INFECTION SPECIFIC TO THE PERINATAL PERIOD, UNSPECIFIED	1.241	0,57	1.036	0,54	6.107	0,45	4,92
O42.0	PREMATURE RUPTURE OF MEMBRANES, ONSET OF LABOUR WITHIN 24 HOURS	1.240	0,57	1.081	0,56	5.166	0,38	4,17
I25.5	ISCHAEMIC CARDIOMYOPATHY	1.139	0,52	554	0,29	8.732	0,64	7,67
H25.9	SENILE CATARACT, UNSPECIFIED	1.036	0,48	779	0,40	3.596	0,26	3,47
N92.4	EXCESSIVE BLEEDING IN THE PREMENOPAUSAL PERIOD	1.035	0,48	346	0,18	1.348	0,1	1,30
O20.0	THREATENED ABORTION	1.022	0,47	459	0,24	8.657	0,64	8,47
O47.0	FALSE LABOUR BEFORE 37 COMPLETED WEEKS OF GESTATION	1.014	0,47	411	0,21	4.069	0,3	4,01
N20.0	CALCULUS OF KIDNEY	989	0,45	635	0,33	4.169	0,31	4,22
J44.0	CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH ACUTE LOWER RESPIRATORY INFECTION	957	0,44	1.213	0,63	10.223	0,75	10,68
I50.0	CONGESTIVE HEART FAILURE	944	0,43	1.169	0,61	7.956	0,58	8,43
I21.1	ACUTE TRANSMURAL MYOCARDIAL INFARCTION OF INFERIOR WALL	924	0,42	1.481	0,77	5.825	0,43	6,30
Z50.1	OTHER PHYSICAL THERAPY	871	0,40	1.395	0,72	17.268	1,27	19,83
I42.0	DILATED CARDIOMYOPATHY	838	0,39	670	0,35	5.689	0,42	6,79
J47	BRONCHIECTASIS	831	0,38	1.219	0,63	9.258	0,68	11,14
I21.0	ACUTE TRANSMURAL MYOCARDIAL INFARCTION OF ANTERIOR WALL	819	0,38	1.293	0,67	5.348	0,39	6,53
K81.1	CHRONIC CHOLECYSTITIS	817	0,38	1.091	0,57	5.210	0,38	6,38
B18.2	CHRONIC VIRAL HEPATITIS C	783	0,36	754	0,39	5.415	0,4	6,92
J44.9	CHRONIC OBSTRUCTIVE PULMONARY DISEASE, UNSPECIFIED	766	0,35	816	0,42	7.046	0,52	9,20
J35.3	HYPERTROPHY OF TONSILS WITH HYPERTROPHY OF ADENOIDS	752	0,35	388	0,20	2.731	0,2	3,63
S06.00	CONCUSSION	727	0,33	309	0,16	2.233	0,16	3,07
N23	UNSPECIFIED RENAL COLIC	726	0,33	390	0,20	2.670	0,2	3,68

D25.0	SUBMUCOUS LEIOMYOMA OF UTERUS	716	0,33	836	0,43	6.313	0,46	8,82
N39.0	URINARY TRACT INFECTION, SITE NOT SPECIFIED	691	0,32	395	0,20	4.702	0,35	6,81
P39.4	NEONATAL SKIN INFECTION	686	0,32	477	0,25	3.196	0,23	4,66
Z76.2	HEALTH SUPERVISION AND CARE OF OTHER HEALTHY INFANT AND CHILD	681	0,31	270	0,14	3.113	0,23	4,57
N97.0	FEMALE INFERTILITY ASSOCIATED WITH ANOVULATION	681	0,31	470	0,24	3.789	0,28	5,56
Total 50 most common principal diagnoses		92.851	42,69	69.168	35,88	482.044	35,43	5,19
Total other principal diagnoses		124.663	57,31	123.579	64,11	878.453	64,57	7,05
Total		217.514	100	192.750	100	7,5	100	6,25

Chapters according to the ICD-10 classification

ICD-10 Chapter	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	ICD-10 Diagnosis groups
1	2	3	4	5	7	8	9	10
1 Certain infectious and parasitic diseases	7.886	3,63	6.425	3,33	69.349	5,1	8,79	A00-B99
2 Neoplasms	15.187	6,98	19.678	10,21	127.520	9,37	8,4	C00-D48
3 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	2.256	1,04	1.833	0,95	16.851	1,24	7,47	D50-D89
4 Endocrine, nutritional and metabolic diseases	3.548	1,63	3.258	1,69	28.016	2,06	7,9	E00-E89
5 Mental and behavioural disorders	3.841	1,77	4.742	2,46	58.061	4,27	15,12	F00-F99
6 Diseases of the nervous system	3.867	1,78	3.595	1,87	35.081	2,58	9,07	G00-G99
7 Diseases of the eye and adnexa	5.244	2,41	3.426	1,78	16.867	1,24	3,22	H00-H59
8 Diseases of the ear and mastoid process	1.578	0,73	736	0,38	10.400	0,76	6,59	H60-H95
9 Diseases of the circulatory system	23.643	10,87	26.819	13,91	167.405	12,3	7,08	I00-I99
10 Diseases of the respiratory system	31.947	14,69	25.619	13,29	229.836	16,89	7,19	J00-J99
11 Diseases of the digestive system	21.379	9,83	17.863	9,27	103.481	7,61	4,84	K00-K93
12 Diseases of the skin and subcutaneous tissue	2.897	1,33	2.267	1,18	20.459	1,5	7,06	L00-L99
13 Diseases of the musculoskeletal system and connective tissue	5.682	2,61	7.403	3,84	56.076	4,12	9,87	M00-M99
14 Diseases of the genitourinary system	14.704	6,76	9.757	5,06	72.121	5,3	4,9	N00-N99
15 Pregnancy, childbirth and the puerperium	27.171	12,49	20.955	10,87	113.702	8,36	4,18	O00-O99
16 Certain conditions originating in the perinatal period	8.012	3,68	10.268	5,33	47.590	3,5	5,94	P00-P96
17 Congenital malformations, deformations and chromosomal abnormalities	1.581	0,73	1.938	1,01	12.441	0,91	7,87	Q00-Q99
18 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	4.675	2,15	2.975	1,54	24.423	1,8	5,22	R00-R99
19 Injury, poisoning and certain other consequences of external causes	11.408	5,24	13.156	6,83	69.866	5,14	6,12	S00-T98
20 External causes of morbidity and mortality	0	0	0	0	0	0	0	U50-Y98
21 Factors influencing health status and contact with health services	21.008	9,66	10.037	5,21	80.952	5,95	3,85	Z00-Z99
Total	217.514	100	192.750	100	1.360.497	100	6,25	

Overview according to main diagnostic category (MDC)

Main diagnostic category (MDC)	Number of cases	% number of cases	DRG severity	% DRG severity	Case mix index	Days of stay	% days of stay	Average stay
2	3	4	5	6	7	8	9	10
MDC - 01 DISEASES AND DISORDERS OF THE NERVOUS SYSTEM	10.991	5,05	13.527,22	7,02	1,23	101.265	7,44	9,21
MDC - 02 DISEASES AND DISORDERS OF THE EYE	5.744	2,64	3.682,75	1,91	0,64	19.317	1,42	3,36
MDC - 03 DISEASES AND DISORDERS OF EAR, NOSE AND THROAT	12.805	5,89	6.595,75	3,42	0,52	67.444	4,96	5,27
MDC - 04 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM	24.941	11,47	23.374,16	12,13	0,94	208.905	15,36	8,38
MDC - 05 DISEASES AND DISORDERS OF THE CIRCULATORY SYSTEM	19.465	8,95	19.547,59	10,14	1	124.289	9,14	6,39
MDC - 06 DISEASES AND DISORDERS OF THE DIGESTIVE SYSTEM	23.097	10,62	17.078,61	8,86	0,74	104.339	7,67	4,52
MDC - 07 DISEASES AND DISORDERS OF THE HEPATOBILIARY SYSTEM AND PANCREAS	7.667	3,52	9.591,07	4,98	1,25	59.439	4,37	7,75
MDC - 08 DISEASES AND DISORDERS OF THE MUSCULOSKELETAL AND CONNECTING SYSTEM	11.807	5,43	16.356,11	8,49	1,39	105.406	7,75	8,93
MDC - 09 DISEASES AND DISORDERS OF THE SKIN, SUBCUTANEOUS TISSUE AND BREAST	7.527	3,46	5.189,94	2,69	0,69	40.658	2,99	5,4
MDC - 10 DISEASES AND DISORDERS OF THE INTERNAL GLANDS, NUTRITION AND METABOLISM	3.097	1,42	2.654,35	1,38	0,86	23.507	1,73	7,59
MDC - 11 DISEASES AND DISORDERS OF KIDNEY AND URINARY SYSTEM	10.361	4,76	6.582,65	3,42	0,64	58.445	4,3	5,64
MDC - 12 DISEASES AND DISORDERS OF THE MALE REPRODUCTIVE SYSTEM	3.333	1,53	2.691,63	1,4	0,81	19.123	1,41	5,74
MDC - 13 DISEASES AND DISORDERS OF THE FEMALE REPRODUCTIVE SYSTEM	9.031	4,15	5.855,77	3,04	0,65	50.230	3,69	5,56
MDC - 14 PREGNANCY, CHILDBIRTH AND PUERPERIUM	28.978	13,32	22.006,42	11,42	0,76	119.546	8,79	4,13
MDC - 15 NEWBORNS	21.652	9,95	17.168,03	8,91	0,79	93.677	6,89	4,33
MDC - 16 DISEASES AND DISORDERS OF THE BLOOD, BLOOD FORMING ORGANS AND IMMUNOLOGICAL SYSTEM	2.488	1,14	2.034,77	1,06	0,82	18.273	1,34	7,34
MDC - 17 MIELOPROLIFERATIVE DISEASES AND UNDEFINED TUMORS	3.853	1,77	2.839,97	1,47	0,74	26.655	1,96	6,92
MDC - 18 INFECTIVE AND PARASITIC DISEASES	2.392	1,1	2.001,72	1,04	0,84	24.451	1,8	10,22
MDC - 19 MENTAL DISEASES AND DISORDERS	3.009	1,38	3.633,21	1,88	1,21	47.176	3,47	15,68
MDC - 20 DISEASES ASSOCIATED WITH ALCOHOL AND DRUGS	521	0,24	409,74	0,21	0,79	6.297	0,46	12,09
MDC - 21 INJURIES, POISONING AND TOXIC ACTIVITY OF MEDICATIONS	2.433	1,12	1.664	0,86	0,68	11.527	0,85	4,74
MDC - 22 BURNS	215	0,1	473,81	0,25	2,2	2.893	0,21	13,46
MDC - 23 OTHER FACTORS THAT INFLUENCE THE HEALTH	1.583	0,73	2.092,92	1,09	1,32	19.686	1,45	12,44
(A) PRE-MDC (0) Error code	524	0,24	5.696,91	2,96	10,87	7.949	0,58	15,17
Total :	217.514	100	192.749,50	100	0,89	1.360.497	100	6,25

Number of secondary diagnoses and procedures per case

HEALTHCARE INSTITUTION	Total number of cases	Number of secondary diagnoses	Secondary diagnoses per case	Total number of procedures	Number of procedures per case
PHI GENERAL HOSPITAL KICEVO	3.282	2.036	0,62	21.634	6,59
PHI GENERAL HOSPITAL DEBAR	2.210	2.286	1,03	21.609	9,78
PHI GENERAL HOSPITAL KOCANI	4.819	4.618	0,96	28.365	5,89
PHI GENERAL HOSPITAL PRILEP	9.726	12.004	1,23	70.148	7,21
PHI GENERAL HOSPITAL KAVADARCI	5.760	6.449	1,12	36.436	6,33
PHI GENERAL HOSPITAL STRUMICA	10.949	4.621	0,42	67.072	6,13
PHI CLINICAL HOSPITAL STIP	11.670	11.122	0,95	99.599	8,53
PHI GENERAL HOSPITAL OHRID	5.796	7.165	1,24	50.137	8,65
PHI GENERAL HOSPITAL GEVGELIJA	3.313	3.842	1,16	18.961	5,72
PHI CLINICAL HOSPITAL TETOVO	19.037	16.123	0,85	183.621	9,65
PHI GENERAL HOSPITAL VELES	8.205	6.110	0,74	67.247	8,20
PHI GENERAL HOSPITAL GOSTIVAR	6.341	2.330	0,37	36.752	5,80
PHI CLINICAL HOSPITAL BITOLA	14.653	16.932	1,16	109.408	7,47
PHI GENERAL HOSPITAL KUMANOVO	10.293	9.526	0,93	65.771	6,39
PHI GENERAL HOSPITAL STRUGA	5.677	4.346	0,77	41.723	7,35
General hospitals total	121.731	109.510	0,90	918.483	7,55
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	15.840	18.978	1,20	110.470	6,97
THORACIC AND VASCULAR SURGERY CLINIC	1.895	1.006	0,53	28.198	14,88
EYE DISEASES CLINIC SKOPJE	2.802	1.465	0,52	27.663	9,87
MAXILLO-FACIAL SURGERY CLINIC	707	329	0,47	4.220	5,97
UROLOGY CLINIC	1.998	512	0,26	15.805	7,91
TRAUMATOLOGY CLINIC SKOPJE	1.547	1.220	0,79	13.876	8,97
NEUROLOGY CLINIC SKOPJE	2.164	4.580	2,12	20.880	9,65
CHILD DISEASES CLINIC SKOPJE	6.286	5.377	0,86	38.040	6,05
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	1.940	995	0,51	12.356	6,37
DIGESTIVE SURGERY CLINIC SKOPJE	2.326	836	0,36	23.983	10,31
EAR, NOSE AND THROAT CLINIC SKOPJE	2.425	1.548	0,64	15.614	6,44
INFECTIVE DISEASES CLINIC SKOPJE	3.958	5.532	1,40	30.224	7,64
PULMOLOGY AND ALERGOLOGY CLINIC	1.555	3.114	2,00	16.865	10,85
ORTHOPEDIC DISEASES CLINIC SKOPJE	2.158	959	0,44	23.047	10,68
NEPHROLOGY CLINIC	1.306	4.972	3,81	15.249	11,68
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	5.293	6.752	1,28	23.481	4,44
RHEUMATOLOGY CLINIC SKOPJE	645	1.224	1,90	6.351	9,85
PSYCHIATRIC CLINIC SKOPJE	599	294	0,49	4.331	7,23
TOXICOLOGY CLINIC SKOPJE	485	573	1,18	3.742	7,72
CHILD SURGERY CLINIC SKOPJE	1.457	337	0,23	13.596	9,33
NEUROSURGERY CLINIC SKOPJE	1.394	1.170	0,84	12.071	8,66
ENDOCRINOLOGY CLINIC SKOPJE	834	1.518	1,82	5.271	6,32
HEMATOLOGY CLINIC SKOPJE	3.236	1.596	0,49	16.054	4,96

DERMATOLOGY CLINIC SKOPJE	497	335	0,67	3.532	7,11
CARDIOLOGY CLINIC	6.631	10.361	1,56	32.343	4,88
Total Clinics	69.978	75.583	1,08	296.150	4,23
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	7.333	9.517	1,30	58.864	8,03
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	1.011	2.314	2,29	11.541	11,42
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5.756	4.530	0,79	52.869	9,19
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	1.876	2.220	1,18	20.646	11,01
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	3.735	4.353	1,17	34.542	9,25
NEPHROLOGY INSTITUTE STRUGA	478	540	1,13	4.904	10,26
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	1.788	924	0,52	9.044	5,06
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	1.141	2.971	2,60	16.935	14,84
PHI SPECIAL HOSPITAL LESOK	935	1.999	2,14	13.593	14,54
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	1.752	6.257	3,57	13.979	7,98
Total Special Hospitals	25.805	35.625	1,38	236.917	9,18
Total	217.514	220.718	1,01	1.672.662	7,69

Error DRG codes (901Z, 902Z, 903Z, 960Z, 961Z and 963Z)

HEALTHCARE INSTITUTION	Total number of cases	Total number of error DRG codes	% of error DRG codes	% of total error DRG codes
PHI GENERAL HOSPITAL KICEVO	3.282		0	0
PHI GENERAL HOSPITAL DEBAR	2.210	11	0,5	0,01
PHI GENERAL HOSPITAL KOCANI	4.819		0	0
PHI GENERAL HOSPITAL PRILEP	9.726	12	0,12	0,01
PHI GENERAL HOSPITAL KAVADARCI	5.760	1	0,02	0
PHI GENERAL HOSPITAL STRUMICA	10.949	8	0,07	0
PHI GENERAL HOSPITAL OHRID	5.796	10	0,17	0
PHI GENERAL HOSPITAL GEVGELIJA	3.313	3	0,09	0
PHI GENERAL HOSPITAL VELES	8.205	4	0,05	0
PHI GENERAL HOSPITAL GOSTIVAR	6.341	8	0,13	0
PHI GENERAL HOSPITAL KUMANOVO	10.293	7	0,07	0
PHI GENERAL HOSPITAL STRUGA	5.677	2	0,04	0
PHI CLINICAL HOSPITAL BITOLA	14.653	4	0,03	0
PHI CLINICAL HOSPITAL TETOVO	19.037	6	0,03	0
PHI CLINICAL HOSPITAL STIP	11.670	5	0,04	0
General hospitals	121.731	81	0,07	0,52
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	15.840	1	0,01	0,65
THORACIC AND VASCULAR SURGERY CLINIC	1.895	3	0,16	0
EYE DISEASES CLINIC SKOPJE	2.802		0	0
MAXILLO-FACIAL SURGERY CLINIC	707		0	0
UROLOGY CLINIC	1.998	9	0,45	0
TRAUMATOLOGY CLINIC SKOPJE	1.547		0	0
NEUROLOGY CLINIC SKOPJE	2.164		0	0
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	7.333		0	0
CHILD DISEASES CLINIC SKOPJE	6.286	13	0,21	0,01
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	1.940	3	0,15	0
DIGESTIVE SURGERY CLINIC SKOPJE	2.326	2	0,09	0
EAR, NOSE AND THROAT CLINIC SKOPJE	2.425	7	0,29	0
INFECTIVE DISEASES CLINIC SKOPJE	3.958	1	0,03	0
PULMOLOGY AND ALERGOLOGY CLINIC	1.555	4	0,26	0
ORTHOPEDIC DISEASES CLINIC SKOPJE	2.158	6	0,28	0
NEPHROLOGY CLINIC	1.306	5	0,38	0
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	5.293		0	0
RHEUMATOLOGY CLINIC SKOPJE	645	2	0,31	0
PSYCHIATRIC CLINIC SKOPJE	599	1	0,17	0
TOXICOLOGY CLINIC SKOPJE	485	9	1,86	0
CHILD SURGERY CLINIC SKOPJE	1.457		0	0
NEUROSURGERY CLINIC SKOPJE	1.394		0	0
ENDOCRINOLOGY CLINIC SKOPJE	834		0	0
HEMATOLOGY CLINIC SKOPJE	3.236		0	0
DERMATOLOGY CLINIC SKOPJE	497		0	0
CARDIOLOGY CLINIC	6.631		0	0
Clinics	77.311	66	0,09	0,03
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	1.011	2	0,2	0
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5.756	4	0,07	0
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	1.876	1	0,05	0
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	3.735		0	0
NEPHROLOGY INSTITUTE STRUGA	478		0	0

INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	1.788	0	0	0
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	1.141	0	0	0
PHI SPECIAL HOSPITAL LESOK	935	0	0	0
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	1.752	1	0,06	0
Special hospitals	18.472	8	0,04	0
Total	217.514	155	0,07	0,07

Note:

It applies only to error DRG codes (901Z, 902Z, 903Z, 960Z, 961Z and 963Z), but it does not include all the cases of wrong coding and getting wrong DRG codes.

Length of stay in hospital

Days of stay	Total number of cases	% Total number of cases	DRG severity	% DRG severity	Case mix index	Total days of stay	% of days of stay
01	02	03	04	05	06	07	08
0 days	5.229	2,40	2.274,39	1,18	0,43	0	0,00
1 day	33.025	15,18	18.592,71	9,65	0,56	33.025	2,43
2 days	29.175	13,41	18.373,26	9,53	0,63	58.350	4,29
3 days	24.626	11,32	17.018,49	8,83	0,69	73.878	5,43
4 days	22.560	10,37	17.090,33	8,87	0,76	90.240	6,63
5 days	18.408	8,46	15.812,69	8,20	0,86	92.040	6,77
6 days	15.712	7,22	14.242,40	7,39	0,91	94.272	6,93
7 days	14.825	6,82	14.154,70	7,34	0,95	103.775	7,63
>=8 days	53.954	24,80	75.190,54	39,01	1,39	814.917	59,90
Total	217.514	100,00	192.749,50	100,00	0,96	1.360.497	100,00

Utilization of hospital capacities by healthcare institutions

HEALTHCARE INSTITUTION	Number of cases	Number of beds	Maximum number of bed/days	Total used hospital days bed/days	% of utilization of the hospital beds	Doctors	Nurses	Number of patents per doctor	Number of patents per nurse
01	02	03	04	05	06	07	08	09	10
PHI GENERAL HOSPITAL KICEVO	3.282	80	29.200	20.354	69,71	18	45	73	72,93
PHI GENERAL HOSPITAL DEBAR	2.210	68	24.820	13.784	55,54	22	45	100	49,11
PHI GENERAL HOSPITAL KOCANI	4.819	150	54.750	31.943	58,34	42	92	115	52,38
PHI GENERAL HOSPITAL PRILEP	9.726	388	141.620	58.475	41,29	100	208	97	46,76
PHI GENERAL HOSPITAL KAVADARCI	5.760	129	47.085	28.527	60,59	39	86	148	66,98
PHI GENERAL HOSPITAL STRUMICA	10.949	264	96.360	63.019	65,40	86	164	127	66,76
PHI GENERAL HOSPITAL OHRID	5.796	195	71.175	35.320	49,62	61	156	95	37,15
PHI GENERAL HOSPITAL GEVGELIJA	3.313	130	47.450	17.144	36,13	35	55	95	60,24
PHI GENERAL HOSPITAL VELES	8.205	306	111.690	51.347	45,97	73	136	112	60,33
PHI GENERAL HOSPITAL GOSTIVAR	6.341	210	76.650	34.613	45,16	108	167	59	37,97
PHI GENERAL HOSPITAL KUMANOVO	10.293	368	134.320	58.214	43,34	102	198	101	51,98
PHI GENERAL HOSPITAL STRUGA	5.677	101	36.865	25.023	67,88	42	91	135	62,38
PHI CLINICAL HOSPITAL BITOLA	14.653	540	197.100	108.686	55,14	219	312	67	46,96
PHI CLINICAL HOSPITAL TETOVO	19.037	438	159.870	83.511	52,24	166	344	115	55,34
PHI CLINICAL HOSPITAL STIP	11.670	489	178.485	86.102	48,24	91	143	128	81,61
General hospitals	121.731	3.856	1.407.440	716.062	50,88	1.102	2.044	110	59,56

GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	15.840	283	103.295	81.303	78,71	90	200	176	79,20
THORACIC AND VASCULAR SURGERY CLINIC	1.895	50	18.250	14.759	80,87	17	26	111	72,88
EYE DISEASES CLINIC SKOPJE	2.802	79	28.835	7.379	25,59	23	27	122	103,78
MAXILLO-FACIAL SURGERY CLINIC	707	25	9.125	4.115	45,10	15	10	47	70,70
UROLOGY CLINIC	1.998	43	15.695	11.136	70,95	12	27	167	74,00
TRAUMATOLOGY CLINIC SKOPJE	1.547	37	13.505	10.637	78,76	14	26	111	59,50
NEUROLOGY CLINIC SKOPJE	2.164	100	36.500	25.890	70,93	27	50	80	43,28
CHILD DISEASES CLINIC SKOPJE	6.286	180	65.700	41.755	63,55	72	164	87	38,33
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	1.940	35	12.775	7.300	57,14	17	23	114	84,35
DIGESTIVE SURGERY CLINIC SKOPJE	2.326	69	25.185	18.133	72,00	18	42	129	55,38
EAR, NOSE AND THROAT CLINIC SKOPJE	2.425	62	22.630	7.615	33,65	26	36	93	67,36
INFECTIVE DISEASES CLINIC SKOPJE	3.958	110	40.150	35.573	88,60	34	67	116	59,07
PULMOLOGY AND ALERGOLOGY CLINIC	1.555	48	17.520	15.527	88,62	25	24	62	64,79
ORTHOPEDIC DISEASES CLINIC SKOPJE	2.158	150	54.750	21.124	38,58	39	72	55	29,97
NEPHROLOGY CLINIC	1.306	54	19.710	13.635	69,18	34	76	38	17,18
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	5.293	52	18.980	14.349	75,60	21	30	252	176,43
RHEUMATOLOGY CLINIC SKOPJE	645	41	14.965	6.494	43,39	17	14	38	46,07
PSYCHIATRIC CLINIC SKOPJE	599	54	19.710	21.854	110,88	16	21	37	28,52
TOXICOLOGY CLINIC SKOPJE	485	40	14.600	2.633	18,03	18	31	27	15,65
CHILD SURGERY CLINIC SKOPJE	1.457	51	18.615	10.046	53,97	12	32	121	45,53
NEUROSURGERY CLINIC SKOPJE	1.394	57	20.805	12.712	61,10	12	42	116	33,19
ENDOCRINOLOGY CLINIC SKOPJE	834	28	10.220	4.547	44,49	16	15	52	55,60
HEMATOLOGY CLINIC SKOPJE	3.236	46	16.790	18.112	107,87	22	25	147	129,44
DERMATOLOGY CLINIC SKOPJE	497	35	12.775	6.635	51,94	25	22	20	22,59
CARDIOLOGY CLINIC	6.631	124	45.260	26.359	58,24	53	97	125	68,36
Clinics	69.978	1.853	676.345	439.622	65,00	511	877	137	79,79
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	7.333	135	49.275	27.780	56,38	38	76	193	96,49
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	1.011	146	53.290	15.763	29,58	37	78	27	12,96
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5.756	171	62.415	33.326	53,39	72	113	80	50,94
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	1.876	205	74.825	35.141	46,96	37	108	51	17,37
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	3.735	146	53.290	27.087	50,83	37	78	101	47,88
NEPHROLOGY INSTITUTE STRUGA	478	114	41.610	2.741	6,59	29	69	16	6,93
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	1.788	132	48.180	26.726	55,47	28	36	64	49,67
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	1.141	70	25.550	13.447	52,63	5	8	228	142,63
PHI SPECIAL HOSPITAL LESOK	935	45	16.425	12.248	74,57	3	9	312	103,89

INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	1.752	24	8.760	10.554	120,48	21	33	83	53,09
Special hospitals	25.805	1.188	433.620	177.033	40,83	197	419	131	61,59
Total :	217.514	6.897	2.517.405	1.332.717	52,94	1.810	3.340	120	65,12

Utilization of hospital capacities by types of healthcare institutions

Type of healthcare institution	Number of cases	Number of beds	Maximum number of bed/days	Total used hospital days bed/days	% of utilization of the hospital beds	Doctors	Nurses	Number of patents per doctor	Number of patents per nurse
01	02	03	04	05	06	07	08	09	10
General hospitals	121.731	3.856	1.407.440	716.062	50,88	1.102	2.044	110	59,56
Clinics	69.978	1.853	676.345	439.622	65,00	511	877	137	79,79
Special hospitals	25.805	1.188	433.620	177.033	40,83	197	419	131	61,59
Total:	217.514	6.897	2.517.405	1.332.717	52,94	1.810	3.340	120	65,12

Clinical complexity level (PCCL)

HEALTHCARE INSTITUTIONS	Number of cases	% of the total DRG number						total
		A	B	C	D	Z		
PHI GENERAL HOSPITAL KICEVO	3.282	8,26	41,35	29,19	9,85	11,34	100	
PHI GENERAL HOSPITAL DEBAR	2.210	16,53	44,56	20,13	9,16	9,61	100	
PHI GENERAL HOSPITAL KOCANI	4.819	11,72	38,58	27,4	4,36	17,94	100	
PHI GENERAL HOSPITAL PRILEP	9.726	14,18	44,25	26,9	2,52	12,15	100	
PHI GENERAL HOSPITAL KAVADARCI	5.760	11,86	37,93	27,72	2,58	19,93	100	
PHI GENERAL HOSPITAL STRUMICA	10.949	8,56	39,9	25,85	7,81	17,87	100	
PHI GENERAL HOSPITAL OHRID	5.796	16,27	42,79	24,84	2,39	13,71	100	
PHI GENERAL HOSPITAL GEVGELIJA	3.313	14,26	53,75	18,48	2,65	10,86	100	
PHI GENERAL HOSPITAL VELES	8.205	11,42	37,82	26,49	5,72	18,56	100	
PHI GENERAL HOSPITAL GOSTIVAR	6.341	7,61	41,49	33,27	5,3	12,35	100	
PHI GENERAL HOSPITAL KUMANOVO	10.293	10,09	30,27	25,97	2,85	30,82	100	
PHI GENERAL HOSPITAL STRUGA	5.677	10,43	45,79	24,4	6,76	12,63	100	
PHI CLINICAL HOSPITAL BITOLA	14.653	23,51	42,58	13,67	6,08	14,16	100	
PHI CLINICAL HOSPITAL TETOVO	19.037	12,52	32,27	18,17	8,01	29,04	100	
PHI CLINICAL HOSPITAL STIP	11.670	15,12	43,86	17,22	3,55	20,25	100	
Total general hospitals	121.731	13,01	38,47	24,45	6,87	17,2	100	
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	15.840	13,24	17,89	27,28	13,51	28,08	100	
THORACIC AND VASCULAR SURGERY CLINIC	1.895	21,95	42,48	9,35	0	26,22	100	
EYE DISEASES CLINIC SKOPJE	2.802	68	7	0	0	25	100	
MAXILLO-FACIAL SURGERY CLINIC	707	14,84	26,04	3,91	0	55,21	100	
UROLOGY CLINIC	1.998	0,62	49,47	10,99	0	38,92	100	
TRAUMATOLOGY CLINIC SKOPJE	1.547	5,12	37,71	22,36	0	34,82	100	

NEUROLOGY CLINIC SKOPJE	2.164	12,13	50,05	21,45	5,52	10,86	100
CHILD DISEASES CLINIC SKOPJE	6.286	12,78	42,19	30,47	0,66	13,91	100
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	1.940	3,26	49,19	1,02	0	46,54	100
DIGESTIVE SURGERY CLINIC SKOPJE	2.326	18	62,04	6	0	13,95	100
EAR, NOSE AND THROAT CLINIC SKOPJE	2.425	2,28	14,46	2,21	0	81,05	100
INFECTIVE DISEASES CLINIC SKOPJE	3.958	28,68	50,45	17,32	0	3,56	100
PULMOLOGY AND ALERGOLOGY CLINIC	1.555	39,27	32,47	21,45	0	6,8	100
ORTHOPEDIC DISEASES CLINIC SKOPJE	2.158	1,65	42,06	26,09	0	30,21	100
NEPHROLOGY CLINIC	1.306	32,5	27,5	34,31	0	5,69	100
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	5.293	11,71	58,98	24,04	0	5,26	100
RHEUMATOLOGY CLINIC SKOPJE	645	13,28	37,76	44,53	0	4,43	100
PSYCHIATRIC CLINIC SKOPJE	599	29,9	41,92	0	0	28,18	100
TOXICOLOGY CLINIC SKOPJE	485	38,78	61,22	0	0	0	100
CHILD SURGERY CLINIC SKOPJE	1.457	3,96	49,18	7,38	0	39,48	100
NEUROSURGERY CLINIC SKOPJE	1.394	2,74	36,94	30,92	3,28	26,13	100
ENDOCRINOLOGY CLINIC SKOPJE	834	15,51	76,61	6,44	0	1,43	100
HEMATOLOGY CLINIC SKOPJE	3.236	0,3	16,45	36,09	0	47,16	100
DERMATOLOGY CLINIC SKOPJE	497	85,42	8,75	0	0	5,83	100
CARDIOLOGY CLINIC	6.631	26,29	41,38	22,65	0,03	9,65	100
Total clinics	69.978	15,92	36,43	20,02	3,94	23,69	100
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	7.333	11,08	13,55	35,41	25,75	14,21	100
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	1.011	48,48	33,78	15,37	0	2,36	100
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5.756	9,16	40,8	9,89	0,07	40,07	100
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	1.876	18,22	36,23	16,44	0	29,11	100
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	3.735	4,24	38,58	53,24	0	3,95	100
NEPHROLOGY INSTITUTE STRUGA	478	13,01	46,84	20,82	0	19,33	100
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	1.788	6,87	70,04	12,58	0	10,51	100
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	1.141	46,19	46,87	6,94	0	0	100
PHI SPECIAL HOSPITAL LESOK	935	85,81	9,46	4,73	0	0	100
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	1.752	29,67	43,22	0,41	0,1	26,59	100
Total special hospitals	25.805	12,82	29,46	14,49	0,01	14,81	72
Total	217.514	13,92	36,74	21,84	5,12	19	97

A = Greatest consumption of resources according to DRG
B = Second level of consumption of resources according to DRG
C = Third level of consumption of resources according to DRG
D = Fourth level of consumption of resources according to DRG
Z = Uncategorized

Overview by type of discharge

Type of discharge	Number of case	% number of case	DRG severity	% DRG severity	Total days of stay	% days of stay	Average stay
01	02	03	04	05	06	07	08
Discharge for completed treatment/other	206.962	95,15	178.192,80	92,45	1.303.689	95,82	6,3
Transfer to another hospital	2.692	1,24	3.104,11	1,61	15.114	1,11	5,61
Transfer to nursing home	104	0,05	210,39	0,11	1.194	0,09	11,48
Transfer to psychiatric hospital	75	0,03	63,18	0,03	438	0,03	5,84
Transfer to other healthcare institution	449	0,21	503,93	0,26	3.947	0,29	8,79
Statistical discharge – change of DRG category	495	0,23	351,98	0,18	841	0,06	1,7
Treatment terminated contrary to the doctor's advice	3.777	1,74	3.029,29	1,57	15.116	1,11	4
Statistical discharge for weekend/leave	9	0,00	5,82	0,00	34	0,00	3,78
Death	2.951	1,36	7.288,00	3,78	20.124	1,48	6,82
Total	217.514	100,00	192.749,50	100,00	1.360.497	100,00	6,25

*The type of discharge is shown according to the reports of the hospitals which do not use the correct discharge type always (this especially applies to the transfer to another hospital)

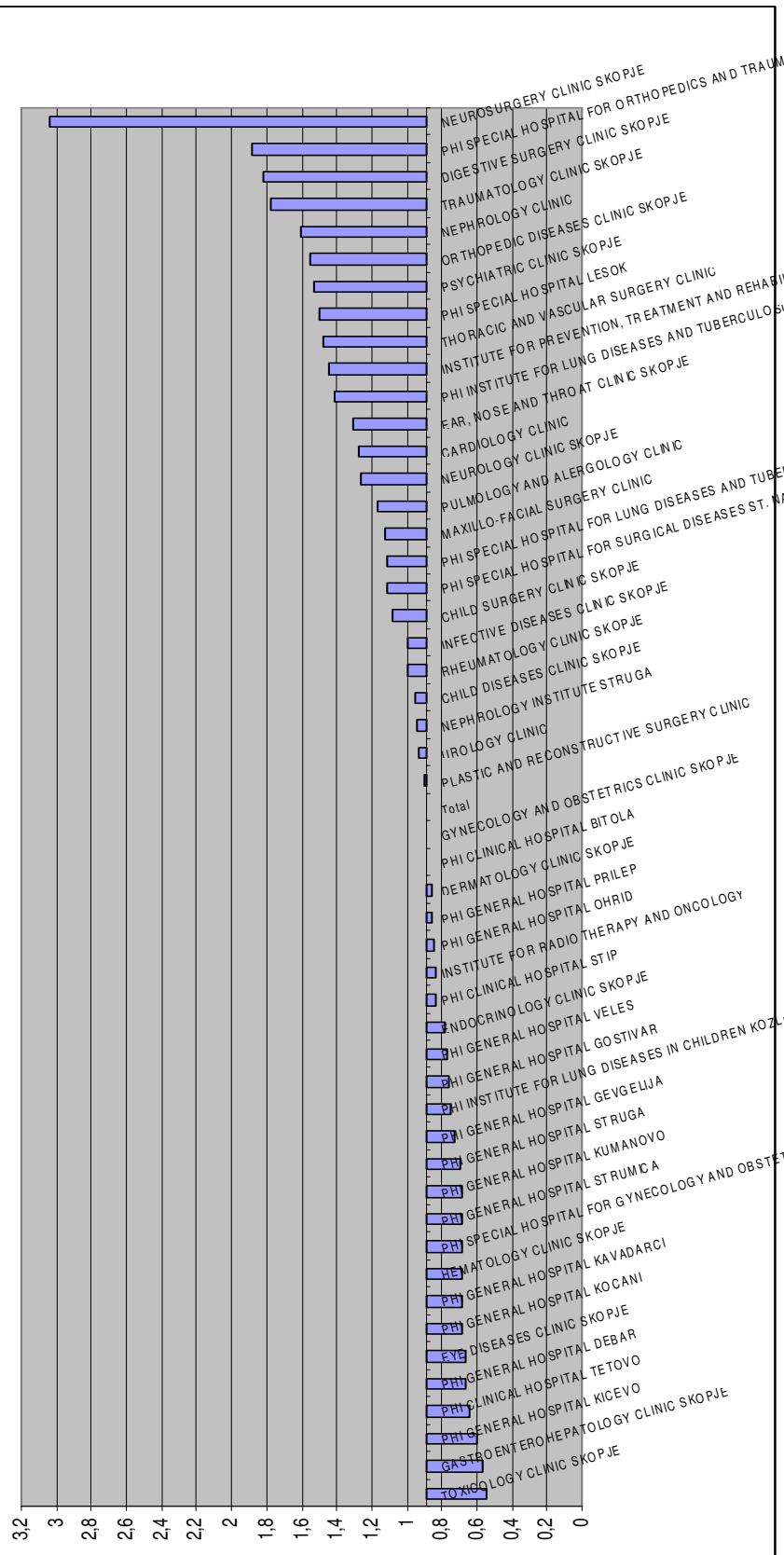
Overview by age groups

Age groups	Number of case	% number of case	DRG severity	% DRG severity	case mix index	Total days of stay	% days of stay	Average stay
01	02	03	04	05	06	07	08	09
Up to 1 year	18.355	8,44	14.183,45	7,36	0,77	95.372	7,01	5,20
01-04	13.162	6,05	8.281,68	4,30	0,63	72.832	5,35	5,53
05-09	7.172	3,30	4.704,86	2,44	0,66	41.534	3,05	5,79
10-14	5.031	2,31	3.660,95	1,90	0,73	28.303	2,08	5,63
15-19	8.367	3,85	6.188,08	3,21	0,74	44.022	3,24	5,26
20-24	16.101	7,40	11.878,57	6,16	0,74	77.159	5,67	4,79
25-29	20.095	9,24	15.290,25	7,93	0,76	95.008	6,98	4,73
30-34	14.716	6,77	11.851,36	6,15	0,81	74.833	5,50	5,09
35-39	10.035	4,61	8.511,37	4,42	0,85	62.595	4,60	6,24
40-44	8.762	4,03	7.809,04	4,05	0,89	66.900	4,92	7,64
45-49	11.332	5,21	10.539,51	5,47	0,93	77.618	5,71	6,85
50-54	13.148	6,04	12.576,53	6,52	0,96	92.603	6,81	7,04
55-59	14.263	6,56	14.575,21	7,56	1,02	101.904	7,49	7,14
60-64	13.234	6,08	14.027,97	7,28	1,06	96.724	7,11	7,31
65-69	13.914	6,40	15.007,95	7,79	1,08	107.770	7,92	7,75
70-74	13.828	6,36	15.394,57	7,99	1,11	102.410	7,53	7,41
75-79	9.770	4,49	11.057,84	5,74	1,13	72.662	5,34	7,44
80-84	4.293	1,97	4.965,02	2,58	1,16	35.486	2,61	8,27
>= 85	1.936	0,89	2.245,29	1,16	1,16	14.762	1,09	7,63
Total	217.514	100,00	192.749,50	100	0,89	1.360.497	100,00	6,25

Overview by medical groups - summary

01	Number of case	% number of case	DRG severity	% DRG severity	case mix index	Total days of stay	% days of stay	Average stay
01	02	03	04	05	06	07	08	09
Surgical groups (01-39)	53.785	24,73	72.568	37,65	1,35	319.026	23,45	5,93
Other (40-59)	8.607	3,96	6.131	3,18	0,71	23.440	1,72	2,72
Medical groups (60-99)	155.122	71,32	114.051	59,17	0,74	1.018.031	74,83	6,56
Total	217.514	100,00	192.749	100,00	0,89	1.360.497	100,00	6,25

CASE MIX COMPARATOR BY HEALTHCARE INSTITUTIONS FOR 2009



DRG SERVICES WITH GREATEST CONSUMPTION OF RESOURCES

GENERAL HOSPITALS

PHI GENERAL HOSPITAL KICEVO

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	O60C Vaginal Delivery Single Uncomplicated without Other Condition	269	8,20	161,91	8,18	700	3,44	2,60	
2	B70C Stroke without Catastrophic or Severe complications	100	3,05	140,89	7,12	1.672	8,21	16,72	
3	O01C Caesarean Delivery without Catastrophic or Severe complications	90	2,74	129,92	6,57	440	2,16	4,88	
4	D63B Otitis Media and URI without complications	302	9,20	125,60	6,35	1.860	9,14	6,15	
5	P67D Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	362	11,03	113,34	5,73	987	4,85	2,72	
6	E65B Chronic Obstructive Airways Disease without Catastrophic or Severe complications	109	3,32	98,13	4,96	1.299	6,38	11,91	
7	E69C Bronchitis and Asthma Age <50 without complications	162	4,94	75,31	3,81	710	3,49	4,38	
8	H07B Open Cholecystectomy without Closed CDE without Catastrophic complications	30	0,91	55,46	2,80	129	0,63	4,30	
9	F67A Hypertension with complications	61	1,86	47,92	2,42	886	4,35	14,52	
10	F75C Other Circulatory System Diagnoses without Catastrophic or Severe complications	88	2,68	46,20	2,33	530	2,60	6,02	
Total first 10 DRG diagnoses with greatest severity		1.573	47,93	995	50,26	9.213	45,26	5,86	
The other 140 DRG of the total number of DRG services performed		1.709	52,07	984	49,74	11.141	54,74	6,52	
In the healthcare institution there are in total 150 Different DRG services		3.282	100,00	1.979	100,00	20.354	100,00	6,20	

PHI GENERAL HOSPITAL DEBAR

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	4	5	6	7	8	9	10
1	O60C Vaginal Delivery Single Uncomplicated without Other Condition	173	7,83	104,13	7,19	486	3,53	2,80
2	E65B Chronic Obstructive Airways Disease without Catastrophic or Severe complications	87	3,94	78,33	5,41	636	4,61	7,31
3	D63B Otitis Media and URI without complications	183	8,28	76,11	5,26	3,859	28,00	21,08
4	E65A Chronic Obstructive Airways Disease with Catastrophic or Severe complications	43	1,95	69,16	4,78	367	2,66	8,53
5	P67D Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	172	7,78	53,85	3,72	490	3,55	2,84
6	G67B Oesophagitis, Gastroent & Misc Digestive Systm Disorders Ages>9 without catastrophic/severe complications	107	4,84	48,44	3,35	541	3,92	5,05
7	J64B Cellulitis (Age >59 without Catastrophic or Severe complications) or Age <60	64	2,90	41,80	2,89	360	2,61	5,62
8	O01C Caesarean Delivery without Catastrophic or Severe complications	24	1,09	34,65	2,39	193	1,40	8,04
9	E62C Respiratory Infections/Inflamations without complications	56	2,53	33,53	2,32	302	2,19	5,39
10	G68B Gastroenteritis Age <10 without complications	91	4,12	32,59	2,25	264	1,92	2,90
Total first 10 DRG diagnoses with greatest severity		1,000	45,25	573	39,54	7,498	54,40	7,50
The other 171 DRG of the total number of DRG services performed		1,210	54,75	875	60,46	6,286	45,60	5,20
In the healthcare institution there are in total 181 Different DRG services		2,210	100,00	1,448	100,00	13,784	100,00	6,24

PHI GENERAL HOSPITAL KOCANI

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	B70C	Stroke without Catastrophic or Severe complications	190	3,94	267,69	8,13	2.070	6,48	10,89
2	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	343	7,12	206,45	6,27	1.141	3,57	3,32
3	G09Z	Inguinal and Femoral Hernia Procedures Age>0	240	4,98	160,22	4,87	1.907	5,97	7,94
4	E62C	Respiratory Infections/Inflamations without complications	231	4,79	138,30	4,20	1.652	5,17	7,15
5	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	130	2,70	98,74	3,00	447	1,40	3,43
6	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	53	1,10	97,99	2,98	445	1,39	8,39
7	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	120	2,49	81,48	2,47	3.665	11,47	30,54
8	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	87	1,81	78,33	2,38	651	2,04	7,48
9	U63B	Major Affective Disorders Age <70 without Catastrophic or Severe complications	69	1,43	76,46	2,32	791	2,48	11,46
10	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	241	5,00	75,46	2,29	768	2,40	3,18
		Total first 10 DRG diagnoses with greatest severity	1.704	35,36	1.281	38,91	13.537	42,38	7,94
		The other 226 DRG of the total number of DRG services performed	3.115	64,64	2.012	61,09	18.406	57,62	5,91
		In the healthcare institution there are in total 236 Different DRG services	4.819	100,00	3.293	100,00	31.943	100,00	6,63

Note:

The analysis of the data showed that out of the total number of newborns with weight over 2500 grams, over 30% are born with some problem (the reason can be an error in the coding or medical problem in the PHI)

PHI GENERAL HOSPITAL PRILEP

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	631	6,49	479,24	5,73	2.825	4,83	4,47
2	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	340	3,50	453,59	5,43	2.687	4,60	7,90
3	E62C	Respiratory Infections/Inflammations without complications	577	5,93	345,45	4,13	4.177	7,14	7,23
4	O60B	Vaginal Delivery without Catastrophic or Severe complications	415	4,27	317,93	3,80	1.829	3,13	4,40
5	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	502	5,16	302,15	3,61	1.934	3,31	3,85
6	C16A	Lens Procedures	325	3,34	245,73	2,94	1.336	2,28	4,11
7	O01C	Caesarean Delivery without Catastrophic or Severe complications	158	1,62	228,09	2,73	1.154	1,97	7,30
8	B70C	Stroke without Catastrophic or Severe complications	142	1,46	200,06	2,39	1.560	2,67	10,98
9	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	141	1,45	197,15	2,36	835	1,43	5,92
10	H63B	Disorders of Liver Excep Malig, Cirrhosis, Alcoholic Hepatitis without catastrophic/severe complications	176	1,81	168,66	2,02	701	1,20	3,98
Total first 10 DRG diagnoses with greatest severity			3.407	35,03	2.938	35,15	19.038	32,56	5,59
The other 367 DRG of the total number of DRG services performed			6.319	64,97	5.421	64,85	39.437	67,44	6,24
In the healthcare institution there are in total 377 Different DRG services			9.726	100,00	8.359	100,00	58.475	100,00	6,01

Note:

The analysis of the data showed:

- The DRG group P67C Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem is on the first place, and the group P67B Neonate, AdmWt >2499 g without Significant operation room Procedure with great Problem is on the 9th place, which means that in PHI GENERAL HOSPITAL Prilep, more children with problems are born than healthy children (the reason can be an error in the coding or medical problem in the PHI).
- Most of the total vaginal deliveries are with complications (the reason can be an error in the coding or medical problem in the PHI). The controls confirmed that the coding data complies to the medical documentation.

PHI GENERAL HOSPITAL KAVADARCI

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	378	6,56	287,09	7,30	1.694	5,94	4,48
2	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	409	7,10	246,18	6,26	1.733	6,07	4,23
3	E62C	Respiratory Infections/Inflammations without complications	336	5,83	201,16	5,11	2.280	7,99	6,78
4	B70C	Stroke without Catastrophic or Severe complications	105	1,82	147,93	3,76	1.284	4,50	12,22
5	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	144	2,50	129,64	3,30	858	3,01	5,95
6	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	135	2,34	91,67	2,33	262	0,92	1,94
7	G67B	Oesophagitis, Gastroent & Misc Digestive System Disorders Age>9 without catastrophic/severe complications	194	3,37	87,82	2,23	523	1,83	2,69
8	O01C	Caesarean Delivery without Catastrophic or Severe complications	52	0,90	75,07	1,91	316	1,11	6,07
9	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	56	0,97	74,71	1,90	399	1,40	7,12
10	L64Z	Urinary Stones and Obstruction	120	2,08	63,76	1,62	366	1,28	3,05
Total first 10 DRG diagnoses with greatest severity			1.929	33,49	1.405	35,72	9.715	34,06	5,04
The other 242 DRG of the total number of DRG services performed			3.831	66,51	2.528	64,28	18.812	65,94	4,91
In the healthcare institution there are in total 252 Different DRG services			5.760	100,00	3.934	100,00	28.527	100,00	4,95

Note:

The analysis of the data shows that the DRG group P67C Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem is on the first place which means that in PHI GENERAL HOSPITAL Kavadarci many children with problems are born (the reason can be an error in the coding or medical problem in the PHI)

PHI GENERAL HOSPITAL STRUMICA

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
M	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	1.001	9,14	313,41	4,17	2.951	4,68	2,94
2	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	875	7,99	526,66	7,01	2.467	3,91	2,81
3	E62C	Respiratory Infections/Inflammations without complications	455	4,16	272,41	3,63	3.703	5,88	8,13
4	O01C	Caesarean Delivery without Catastrophic or Severe complications	366	3,34	528,36	7,03	1.707	2,71	4,66
5	G68B	Gastroenteritis Age <10 without complications	322	2,94	115,31	1,53	1.764	2,80	5,47
6	D63B	Otitis Media and URI without complications	278	2,54	115,62	1,54	1.506	2,39	5,41
7	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	273	2,49	207,34	2,76	1.299	2,06	4,75
8	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	236	2,16	212,47	2,83	1.745	2,77	7,39
9	E69C	Bronchitis and Asthma Age <50 without complications	204	1,86	94,84	1,26	1.370	2,17	6,71
10	L64Z	Urinary Stones and Obstruction	194	1,77	103,07	1,37	847	1,34	4,36
Total first 10 DRG diagnoses with greatest severity			4.204	38,40	2.489	33,13	19.359	30,72	4,60
The other 309 DRG of the total number of DRG services performed			6.745	61,60	5.024	66,87	43.660	69,28	6,47
In the healthcare institution there are in total 319 Different DRG services			10.949	100,00	7.514	100,00	63.019	100,00	5,76

PHI CLINICAL HOSPITAL STIP

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	4	5	6	7	8	9	10
1	O60C Vaginal Delivery Single Uncomplicated without Other Condition	598	5,12	359,94	3,73	2.507	2,91	4,19
2	Z60B Rehabilitation without Catastrophic or Severe complications	229	1,96	324,64	3,37	3.948	4,59	17,24
3	P67C Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	393	3,37	298,48	3,09	1.580	1,84	4,02
4	I03C Hip Replacement without Catastrophic or Severe complications	72	0,62	292,41	3,03	1.022	1,19	14,19
5	B70C Stroke without Catastrophic or Severe complications	187	1,60	263,46	2,73	2.371	2,75	12,67
6	O01C Caesarean Delivery without Catastrophic or Severe complications	144	1,23	207,88	2,16	1.037	1,20	7,20
7	B63Z Dementia and Other Chronic Disturbances of Cerebral Function	70	0,60	204,59	2,12	703	0,82	10,04
8	I08B Other Hip and Femur Procedures without Catastrophic or Severe complications	81	0,69	200,85	2,08	1.268	1,47	15,65
9	F62B Heart Failure and Shock without Catastrophic complications	137	1,17	151,97	1,58	1.125	1,31	8,21
10	P67D Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	469	4,02	146,84	1,52	1.669	1,94	3,55
Total first 10 DRG diagnoses with greatest severity		2.380	20,39	2.451	25,41	17.230	20,01	7,24
The other 402 DRG of the total number of DRG services performed		9.290	79,61	7.193	74,59	68.872	79,99	7,41
In the healthcare institution there are in total 412 Different DRG services		11.670	100,00	9.644	100,00	86.102	100,00	7,38

Note:

The analysis of the data shows that:

- The DRG group Z60B Rehabilitation without catastrophic or severe complications is on the second place although since 26.03.2009 it is not shown by DRG
- Out of the total number of newborns with weight over 2500 grams, there is almost similar number of those with some problem and the healthy ones (the reason can be an error in the coding or medical problem in the PHI)

PHI GENERAL HOSPITAL OHRID

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	B70C	Stroke without Catastrophic or Severe complications	194	3,35	273,33	5,53	1.990	5,63	10,25
2	E62C	Respiratory Infections/Inflammations without complications	410	7,07	245,47	4,96	3.291	9,32	8,02
3	O01C	Caesarean Delivery without Catastrophic or Severe complications	163	2,81	235,31	4,76	1.017	2,88	6,23
4	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	308	5,31	233,93	4,73	1.626	4,60	5,27
5	P06B	Neonate, AdmWt >2499 g with Significant operation room Procedure without Multi Major Problems	32	0,55	169,51	3,43	160	0,45	5,00
6	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	184	3,17	165,66	3,35	1.047	2,96	5,69
7	O60B	Vaginal Delivery without Catastrophic or Severe complications	187	3,23	143,26	2,90	908	2,57	4,85
8	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	202	3,49	121,58	2,46	868	2,46	4,29
9	B70B	Stroke with Severe complications	54	0,93	116,48	2,36	541	1,53	10,01
10	D63B	Otitis Media and URI without complications	265	4,57	110,21	2,23	1.421	4,02	5,36
Total first 10 DRG diagnoses with greatest severity			1.999	34,49	1.815	36,70	12.869	36,44	6,44
The other 285 DRG of the total number of DRG services performed			3.797	65,51	3.131	63,30	22.451	63,56	5,91
In the healthcare institution there are in total 295 Different DRG services			5.796	100,00	4.945	100,00	35.320	100,00	6,09

Note:

The analysis of the data shows that out of the total number of vaginal deliveries, there is almost same number of deliveries with problems and without any problems (the reason can be an error in the coding or medical problem in the PHI)

PHI GENERAL HOSPITAL GEVGELIJA

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	Z60B	Rehabilitation without Catastrophic or Severe complications	140	4,23	198,47	8,16	2.688	15,68	19,20
2	D63B	Otitis Media and URI without complications	400	12,07	166,36	6,84	1.556	9,08	3,89
3	O01C	Caesarean Delivery without Catastrophic or Severe complications	69	2,08	99,61	4,10	519	3,03	7,52
4	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	116	3,50	88,10	3,62	634	3,70	5,46
5	H08A	Laparoscopic Cholecystectomy with Closed CDE or with (catastrophic or severe complications)	41	1,24	87,61	3,60	196	1,14	4,78
6	H08B	Laparoscopic Cholecystectomy without Closed CDE without catastrophic or severe complications	69	2,08	71,89	2,96	303	1,77	4,39
7	O60B	Vaginal Delivery without Catastrophic or Severe complications	91	2,75	69,72	2,87	417	2,43	4,58
8	E69C	Bronchitis and Asthma Age <50 without complications	140	4,23	65,09	2,68	728	4,25	5,20
9	B70B	Stroke with Severe complications	26	0,78	56,08	2,31	243	1,42	9,34
10	B70C	Stroke without Catastrophic or Severe complications	39	1,18	54,95	2,26	311	1,81	7,97
Total first 10 DRG diagnoses with greatest severity			1.131	34,14	958	39,38	7.595	44,30	6,72
The other 229 DRG of the total number of DRG services performed			2.182	65,86	1.475	60,62	9.549	55,70	4,38
In the healthcare institution there are in total 239 Different DRG services			3.313	100,00	2.432	100,00	17.144	100,00	5,17

Note:

The analysis of the data shows that:

- The DRG group Z60B Rehabilitation without catastrophic or severe complications is on the second place although since 26.03.2009 it is not shown by DRG
- The analysis of the data shows that the DRG group P67C Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem is on the fourth place which means that in PHI GENERAL HOSPITAL Gevgelija many children with problems are born (the reason can be an error in the coding or medical problem in the PHI)

PHI CLINICAL HOSPITAL TETOVO

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	1.541	8,09	927,53	7,61	3.607	4,32	2,34
2	O01C	Caesarean Delivery without Catastrophic or Severe complications	554	2,91	799,75	6,56	3.833	4,59	6,91
3	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	1.731	9,09	541,98	4,45	4.428	5,30	2,55
4	D63B	Otitis Media and URI without complications	930	4,89	386,79	3,17	2.569	3,08	2,76
5	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	176	0,92	325,39	2,67	1.217	1,46	6,91
6	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	326	1,71	293,50	2,41	1.718	2,06	5,26
7	B70C	Stroke without Catastrophic or Severe complications	205	1,08	288,82	2,37	1.370	1,64	6,68
8	L64Z	Urinary Stones and Obstruction	520	2,73	276,28	2,27	5.404	6,47	10,39
9	O66A	Antenatal and Other Obstetric Admission	571	3,00	271,57	2,23	2.608	3,12	4,56
10	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	352	1,85	267,34	2,19	1.330	1,59	3,77
Total first 10 DRG diagnoses with greatest severity			6.906	36,28	4.379	35,92	28.084	33,63	4,07
The other 363 DRG of the total number of DRG services performed			12.131	63,72	7.813	64,08	55.427	66,37	4,57
In the healthcare institution there are in total 373 Different DRG services			19.037	100,00	12.192	100,00	83.511	100,00	4,39

Note:

The analysis of the data shows that although this is a clinical hospital which should treat complex and complicated cases, most of the DRG services are elective and uncomplicated cases

PHI GENERAL HOSPITAL VELES

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	563	6,86	338,87	5,37	1.693	3,30	3,00
2	E62C	Respiratory Infections/Inflammations without complications	555	6,76	332,28	5,27	5.030	9,80	9,06
3	B70C	Stroke without Catastrophic or Severe complications	156	1,90	219,79	3,48	2.230	4,34	14,29
4	H02C	Major Biliary Tract Procedures without Malignancy without complications	127	1,55	193,21	3,06	369	0,72	2,90
5	O01C	Caesarean Delivery without Catastrophic or Severe complications	132	1,61	190,56	3,02	767	1,49	5,81
6	D63B	Otitis Media and URI without complications	426	5,19	177,17	2,81	2.515	4,90	5,90
7	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	519	6,33	162,50	2,58	1.417	2,76	2,73
8	P06B	Neonate, AdmWt >2499 g with Significant operation room Procedure without Multi Major Problems	29	0,35	153,62	2,43	144	0,28	4,96
9	B70B	Stroke with Severe complications	71	0,87	153,15	2,43	965	1,88	13,59
10	G09Z	Inguinal and Femoral Hernia Procedures Age>0	226	2,75	150,88	2,39	600	1,17	2,65
Total first 10 DRG diagnoses with greatest severity			2.804	34,17	2.072	32,84	15.730	30,63	5,61
The other 323 DRG of the total number of DRG services performed			5.401	65,83	4.237	67,16	35.617	69,37	6,59
In the healthcare institution there are in total 333 Different DRG services			8.205	100,00	6.309	100,00	51.347	100,00	6,26

PHI GENERAL HOSPITAL GOSTIVAR

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	700	11,04	421,33	8,71	2.984	8,62	4,26
2	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	177	2,79	327,24	6,76	1.151	3,33	6,50
3	O01C	Caesarean Delivery without Catastrophic or Severe complications	206	3,25	297,38	6,15	1.549	4,48	7,51
4	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	326	5,14	247,60	5,12	2.044	5,91	6,26
5	B70C	Stroke without Catastrophic or Severe complications	162	2,55	228,24	4,72	1.179	3,41	7,27
6	G07B	Appendicectomy without Catastrophic or Severe complications	187	2,95	198,58	4,10	861	2,49	4,60
7	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	526	8,30	164,69	3,40	2.384	6,89	4,53
8	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	167	2,63	150,35	3,11	1.178	3,40	7,05
9	E62C	Respiratory Infections/Inflammations without complications	198	3,12	118,54	2,45	1.237	3,57	6,24
10	G09Z	Inguinal and Femoral Hernia Procedures Age>0	168	2,65	112,16	2,32	635	1,83	3,77
Total first 10 DRG diagnoses with greatest severity			2.817	44,43	2.266	46,83	15.202	43,92	5,40
The other 245 DRG of the total number of DRG services performed			3.524	55,57	2.573	53,17	19.411	56,08	5,51
In the healthcare institution there are in total 255 Different DRG services			6.341	100,00	4.839	100,00	34.613	100,00	5,46

Note:

The analysis of the data shows that 30% of the total number of newborns with weight over 2500 grams are born with some problem (the reason can be an error in the coding or medical problem in the PHI)

PHI CLINICAL HOSPITAL BITOLA

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	C16A Lens Procedures	826	5,64	624,53	4,80	2.519	2,32	3,04	
2	O01C Caesarean Delivery without Catastrophic or Severe complications	342	2,33	493,71	3,79	1.947	1,79	5,69	
3	E65B Chronic Obstructive Airways Disease without Catastrophic or Severe complications	489	3,34	440,25	3,38	3.908	3,60	7,99	
4	F62B Heart Failure and Shock without Catastrophic complications	291	1,99	322,81	2,48	2.753	2,53	9,46	
5	O60C Vaginal Delivery Single Uncomplicated without Other Condition	497	3,39	299,14	2,30	2.183	2,01	4,39	
6	P67D Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	944	6,44	295,57	2,27	3.751	3,45	3,97	
7	H07B Open Cholecystectomy without Closed CDE without Catastrophic complications	158	1,08	292,11	2,24	1.214	1,12	7,68	
8	O60B Vaginal Delivery without Catastrophic or Severe complications	330	2,25	252,81	1,94	1.641	1,51	4,97	
9	E62B Respiratory Infections/Inflamations with Severe or Moderate complications	178	1,21	237,47	1,82	1.978	1,82	11,11	
10	A06Z Tracheostomy or Ventilation >95 hours	14	0,10	231,45	1,78	208	0,19	14,85	
Total first 10 DRG diagnoses with greatest severity		4.069	27,77	3.490	26,82	22.102	20,34	5,43	
The other 450 DRG of the total number of DRG services performed		10.584	72,23	9.523	73,18	86.584	79,66	8,18	
In the healthcare institution there are in total 460 Different DRG services		14.653	100,00	13.013	100,00	108.686	100,00	7,42	

PHI GENERAL HOSPITAL KUMANOVO

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	874	8,49	663,80	9,39	4.448	7,64	5,08
2	O60B	Vaginal Delivery without Catastrophic or Severe complications	674	6,55	516,35	7,30	3.062	5,26	4,54
3	E62C	Respiratory Infections/Inflammations without complications	683	6,64	408,91	5,78	3.896	6,69	5,70
4	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	595	5,78	358,13	5,06	2.248	3,86	3,77
5	O01C	Caesarean Delivery without Catastrophic or Severe complications	213	2,07	307,49	4,35	1.744	3,00	8,18
6	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	165	1,60	220,13	3,11	1.326	2,28	8,03
7	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	645	6,27	201,95	2,86	1.860	3,20	2,88
8	O66A	Antenatal and Other Obstetric Admission	367	3,57	174,55	2,47	3.036	5,22	8,27
9	E69B	Bronchitis and Asthma Age >49 or with complications	227	2,21	165,57	2,34	1.390	2,39	6,12
10	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	155	1,51	139,55	1,97	1.376	2,36	8,87
Total first 10 DRG diagnoses with greatest severity			4.598	44,67	3.156	44,64	24.386	41,89	5,30
The other 282 DRG of the total number of DRG services performed			5.695	55,33	3.914	55,36	33.828	58,11	5,94
In the healthcare institution there are in total 292 Different DRG services			10.293	100,00	7.071	100,00	58.214	100,00	5,66

Note:

The analysis of the data showed:

- The DRG group P67C Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem is on the first place and the group P67B Neonate, AdmWt >2499 g without Significant operation room Procedure with great Problem is on the 7th place, which means that in PHI GENERAL HOSPITAL Kumanovo, more children with problems are born than healthy children (the reason can be an error in the coding or medical problem in the PHI)..
- Also, there are more vaginal deliveries with complications than without (the reason can be an error in the coding or medical problem in the PHI).

PHI GENERAL HOSPITAL STRUGA

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	172	3,03	317,99	7,99	428	1,71	2,48
2	O01C	Caesarean Delivery without Catastrophic or Severe complications	206	3,63	297,38	7,47	1.381	5,52	6,70
3	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	343	6,04	206,45	5,18	926	3,70	2,69
4	D63B	Otitis Media and URI without complications	485	8,54	201,71	5,07	2.135	8,53	4,40
5	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	490	8,63	153,42	3,85	1.698	6,79	3,46
6	E62C	Respiratory Infections/Inflammations without complications	255	4,49	152,67	3,83	2.002	8,00	7,85
7	E69C	Bronchitis and Asthma Age <50 without complications	297	5,23	138,08	3,47	1.924	7,69	6,47
8	G07B	Appendectomy without Catastrophic or Severe complications	110	1,94	116,81	2,93	428	1,71	3,89
9	G09Z	Inguinal and Femoral Hernia Procedures Age>0	156	2,75	104,15	2,62	281	1,12	1,80
10	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	66	1,16	88,05	2,21	576	2,30	8,72
Total first 10 DRG diagnoses with greatest severity			2.580	45,45	1.777	44,62	11.779	47,07	4,57
The other 213 DRG of the total number of DRG services performed			3.097	54,55	2.205	55,38	13.244	52,93	4,28
In the healthcare institution there are in total 223 Different DRG services			5.677	100,00	3.982	100,00	25.023	100,00	4,41

CLINICS

GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	O01C	Caesarean Delivery without Catastrophic or Severe complications	904	5,71	1.305,01	9,26	5.642	6,94	6,24
2	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	1.464	9,24	1.111,91	7,89	5.750	7,07	3,92
3	O60B	Vaginal Delivery without Catastrophic or Severe complications	1.313	8,29	1.005,89	7,13	4.524	5,56	3,44
4	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	1.566	9,89	942,58	6,69	4.333	5,33	2,76
5	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	2.445	15,44	765,53	5,43	5.888	7,24	2,40
6	N07Z	Other Uterine and Adnexa Procedures for Non-Malignancy	679	4,29	737,73	5,23	5.640	6,94	8,30
7	O01B	Caesarean Delivery with Severe complications	299	1,89	590,79	4,19	2.558	3,15	8,55
8	P03Z	Neonate, AdmWt 1000-1499 g with Significant operation room Procedure	25	0,16	561,29	3,98	915	1,13	36,60
9	N04Z	Hysterectomy for Non-Malignancy	367	2,32	542,79	3,85	8.057	9,91	21,95
10	O66A	Antenatal and Other Obstetric Admission	931	5,88	442,79	3,14	5.943	7,31	6,38
Total first 10 DRG diagnoses with greatest severity			9.993	63,09	8.006	56,79	49.250	60,58	4,93
The other 75 DRG of the total number of DRG services performed			5.847	36,91	6.092	43,21	32.053	39,42	5,48
In the healthcare institution there are in total 85 Different DRG services			15.840	100,00	14.099	100,00	81.303	100,00	5,13

THORACIC AND VASCULAR SURGERY CLINIC

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	J06A	Major Procedures for Malignant Breast Conditions	364	19,21	593,50	21,11	2.652	17,97	7,28
2	E01B	Major Chest Procedures without Catastrophic complications	184	9,71	544,46	19,37	2.383	16,15	12,95
3	F08B	Major Reconstruct Vascular Procedures without CPB Pump without Catastrophic complications	118	6,23	367,46	13,07	1.286	8,71	10,89
4	K06Z	Thyroid Procedures	212	11,19	300,13	10,68	1.466	9,93	6,91
5	J07B	Minor Procedures for Non-Malignant Breast Conditions	258	13,61	100,67	3,58	1.379	9,34	5,34
6	F11B	Amputation for Circ System Except Upper Limb and Toe without Catastrophic complications	28	1,48	98,67	3,51	305	2,07	10,89
7	E68Z	Pneumothorax	100	5,28	87,12	3,10	655	4,44	6,55
8	F20Z	Vein Ligation and Stripping	96	5,07	71,77	2,55	625	4,23	6,51
9	F14C	Vascular procedures Except Major Reconstruction without CPB Pump without catastrophic or severe complications	44	2,32	49,58	1,76	267	1,81	6,06
10	E73C	Pleural Effusion without Catastrophic or Severe complications	88	4,64	49,44	1,76	526	3,56	5,97
Total first 10 DRG diagnoses with greatest severity			1.492	78,73	2.263	80,49	11.544	78,22	7,74
The other 75 DRG of the total number of DRG services performed			403	21,27	548	19,51	3.215	21,78	7,98
In the healthcare institution there are in total 85 Different DRG services			1.895	100,00	2.811	100,00	14.759	100,00	7,79

EYE DISEASES CLINIC SKOPJE

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	C16A	Lens Procedures	892	31,83	674,43	36,66	2.174	29,46	2,43
2	C15A	Glaucoma and Complex Cataract Procedures	900	32,12	634,59	34,50	2.299	31,16	2,55
3	C11Z	Eyelid Procedures	106	3,78	79,85	4,34	176	2,39	1,66
4	C14Z	Other Eye Procedures	237	8,46	73,75	4,01	320	4,34	1,35
5	C03Z	Retinal Procedures	87	3,10	73,37	3,99	490	6,64	5,63
6	C12Z	Other Corneal, Scleral and Conjunctival Procedures	140	5,00	51,91	2,82	223	3,02	1,59
7	C01Z	Procedures for Penetrating Eye Injury	40	1,43	48,42	2,63	249	3,37	6,22
8	C02Z	Enucleations and Orbital Procedures	41	1,46	40,56	2,20	242	3,28	5,90
9	C10Z	Strabismus Procedures	47	1,68	29,00	1,58	111	1,50	2,36
10	C16B	Lens Procedures, Sameday	52	1,86	26,62	1,45	52	0,70	1,00
		Total first 10 DRG diagnoses with greatest severity	2.542	90,72	1.732	94,18	6.336	85,87	2,49
		The other 13 DRG of the total number of DRG services performed	260	9,28	107	5,82	1.043	14,13	4,01
		In the healthcare institution there are in total 23 Different DRG services	2.802	100,00	1.840	100,00	7.379	100,00	2,63

MAXILLO-FACIAL SURGERY CLINIC

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	D02A	Head and Neck Procedures with Catastrophic or Severe complications	24	3,39	109,79	13,89	239	5,81	9,95
2	R04B	Other Neoplastic Disorders with Other operation room Procedures without catastrophic or severe complications	27	3,82	79,79	10,09	121	2,94	4,48
3	D05Z	Parotid Gland Procedures	50	7,07	69,31	8,77	300	7,29	6,00
4	D12Z	Other Ear, Nose, Mouth and Throat Procedures	92	13,01	55,93	7,07	505	12,27	5,48
5	D67A	Oral and Dental Disorders Except Extractions and Restorations	95	13,44	52,19	6,60	446	10,84	4,69
6	D06Z	Sinus, Mastoid and Complex Middle Ear Procedures	46	6,51	47,55	6,01	319	7,75	6,93
7	D02B	Head and Neck Procedures with Malignancy or Moderate complications	24	3,39	43,53	5,51	197	4,79	8,20
8	D04B	Maxillo Surgery without complications	36	5,09	40,84	5,17	274	6,66	7,61
9	R02B	Other Neoplastic Disorders with Major operation room Procedures without catastrophic or severe complications	19	2,69	34,33	4,34	176	4,28	9,26
10	D14Z	Mouth and Salivary Gland Procedures	54	7,64	28,62	3,62	248	6,03	4,59
		Total first 10 DRG diagnoses with greatest severity	467	66,05	562	71,06	2.825	68,65	6,05
		The other 35 DRG of the total number of DRG services performed	240	33,95	229	28,94	1.290	31,35	5,38
		In the healthcare institution there are in total 45 Different DRG services	707	100,00	791	100,00	4.115	100,00	5,82

UROLOGY CLINIC

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	L04C	Kidney, Ureter and Major Bladder Procedures for Non-Neoplasm without complications	161	8,06	223,69	12,00	1.639	14,72	10,18
2	M01Z	Major Male Pelvic Procedures	76	3,80	211,04	11,32	1.077	9,67	14,17
3	L03B	Kidney, Ureter and Major Bladder Procedures for Neoplasm without catastrophic or severe complications	75	3,75	205,16	11,00	1.119	10,05	14,92
4	L42Z	ESW Lithotripsy for Urinary Stones	366	18,32	181,60	9,74	387	3,48	1,05
5	L07B	Transurethral Procedures Except Prostatectomy without Catastrophic or Severe complications	213	10,66	156,77	8,41	1.085	9,74	5,09
6	L06B	Minor Bladder Procedures without Catastrophic or Severe complications	153	7,66	113,54	6,09	845	7,59	5,52
7	M02B	Transurethral Prostatectomy without Catastrophic or Severe complications	101	5,06	102,44	5,49	668	6,00	6,61
8	M60B	Malignancy, Male Reproductive System without Catastrophic or Severe complications	71	3,55	98,44	5,28	195	1,75	2,74
9	L64Z	Urinary Stones and Obstruction	151	7,56	80,23	4,30	735	6,60	4,86
10	M04B	Testes Procedures without complications	122	6,11	76,25	4,09	487	4,37	3,99
Total first 10 DRG diagnoses with greatest severity			1.489	74,52	1.449	77,71	8.237	73,97	5,53
The other 56 DRG of the total number of DRG services performed			509	25,48	416	22,29	2.899	26,03	5,70
In the healthcare institution there are in total 66 Different DRG services			1.998	100,00	1.865	100,00	11.136	100,00	5,57

TRAUMATOLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
Total for the healthcare institution			1.547	300,00	2.750,29	300,00	10.637	300,00	6,88
1	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	286	18,49	709,17	25,79	2.878	27,06	10,06
2	I03C	Hip Replacement without Catastrophic or Severe complications	77	4,98	312,71	11,37	822	7,73	10,67
3	I13C	Humerus, Tibia, Fibula and Ankle Procedures Age <60 without catastrophic or severe complications	186	12,02	286,40	10,41	1.319	12,40	7,09
4	I13B	Humerus, Tibia, Fibula and Ankle Procedures Age >59 without catastrophic or severe complications	62	4,01	126,75	4,61	501	4,71	8,08
5	I23Z	Local Excision and Removal of Internal Fixation Device Excl Hip and Femur	140	9,05	109,63	3,99	372	3,50	2,65
6	I08A	Other Hip and Femur Procedures with Catastrophic or Severe complications	25	1,62	98,11	3,57	314	2,95	12,56
7	I19Z	Other Elbow or Forearm Procedures	84	5,43	94,27	3,43	458	4,31	5,45
8	I18Z	Other Knee Procedures	96	6,21	87,00	3,16	303	2,85	3,15
9	W02Z	Hip, Femur and Limb procedures for Multiple Significant Trauma, Including Implantation	13	0,84	84,54	3,07	159	1,49	12,23
10	I29Z	Knee Reconstruction or Revision	58	3,75	73,98	2,69	232	2,18	4,00
Total first 10 DRG diagnoses with greatest severity			1.027	66,39	1.983	72,09	7.358	69,17	7,16
The other 67 DRG of the total number of DRG services performed			520	33,61	768	27,91	3.279	30,83	6,31
In the healthcare institution there are in total 77 Different DRG services			1.547	100,00	2.750	100,00	10.637	100,00	6,88

NEUROLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	B70B	Stroke with Severe complications	248	11,46	534,94	19,55	3.772	14,57	15,20
2	B70C	Stroke without Catastrophic or Severe complications	353	16,31	497,34	18,18	4.909	18,96	13,90
3	B70A	Stroke with Catastrophic complications	109	5,04	486,23	17,77	1.727	6,67	15,84
4	B60B	Established Paraplegia/Quadriplegia with or without operation room procedures without Catastrophic complications	42	1,94	127,81	4,67	580	2,24	13,80
5	B67B	Degenerative Nervous System Disorders Age >59 without catastrophic or severe complications	72	3,33	124,88	4,56	935	3,61	12,98
6	B76B	Seizure without Catastrophic or Severe complications	199	9,20	108,77	3,98	1.710	6,60	8,59
7	B68B	Multiple Sclerosis and Cerebellar Ataxia without complications	233	10,77	102,05	3,73	2.662	10,28	11,42
8	B71A	Cranial and Peripheral Nerve Disorders with complications	36	1,66	74,02	2,70	480	1,85	13,33
9	I68B	Non-surgical Spinal Disorders without complications	112	5,18	73,44	2,68	1.387	5,36	12,38
10	B63Z	Dementia and Other Chronic Disturbances of Cerebral Function	21	0,97	61,38	2,24	201	0,78	9,57
Total first 10 DRG diagnoses with greatest severity			1.425	65,85	2.191	80,07	18.363	70,93	12,89
The other 42 DRG of the total number of DRG services performed			739	34,15	545	19,93	7.527	29,07	10,19
In the healthcare institution there are in total 52 Different DRG services			2.164	100,00	2.736	100,00	25.890	100,00	11,96

CHILD DISEASES CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	E62C	Respiratory Infections/Inflammations without complications	565	8,99	338,27	5,67	4.711	11,28	8,33
2	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	231	3,67	308,18	5,17	2.057	4,93	8,90
3	E60B	Cystic Fibrosis without Catastrophic or Severe complications	96	1,53	247,50	4,15	1.004	2,40	10,45
4	Z64A	Other Factors Influencing Health Status	78	1,24	166,80	2,80	594	1,42	7,61
5	A06Z	Tracheostomy or Ventilation >95 hours	10	0,16	165,32	2,77	212	0,51	21,20
6	P67A	Neonate, AdmWt >2499 g without Significant operation room Procedure with Multi Major Problems	58	0,92	156,50	2,62	955	2,29	16,46
7	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	110	1,75	153,80	2,58	1.152	2,76	10,47
8	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	187	2,97	142,03	2,38	1.146	2,74	6,12
9	K61Z	Severe Nutritional Disturbance	48	0,76	131,67	2,21	401	0,96	8,35
10	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	192	3,05	130,37	2,19	739	1,77	3,84
Total first 10 DRG diagnoses with greatest severity			1.575	25,06	1.940	32,52	12.971	31,06	8,24
The other 202 DRG of the total number of DRG services performed			4.711	74,94	4.026	67,48	28.784	68,94	6,11
In the healthcare institution there are in total 212 Different DRG services			6.286	100,00	5.966	100,00	41.755	100,00	6,64

Note:

The analysis of the data shows that:

- Although this is a University Clinic which should treat complex and complicated cases, the DRG E62C Respiratory Infections/Inflammations without complications is on the first place

The DRG Z64A Other Factors Influencing Health Status which is generated when the cause (diagnosis) is unknown is on the fourth place

PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	J08B	Other Skin Graft and/or Debridement Procedures without Catastrophic or Severe complications	542	27,94	529,21	30,29	1.881	25,77	3,47
2	J11Z	Other Skin, Subcutaneous Tissue and Breast Procedures	435	22,42	161,78	9,26	1.050	14,38	2,41
3	J10Z	Skin, Subcutaneous Tissue and Breast Plastic operation room Procedures	170	8,76	149,80	8,58	590	8,08	3,47
4	I30Z	Hand Procedures	132	6,80	128,33	7,35	345	4,73	2,61
5	Q02B	Other operation room Procedure of Blood and Blood Forming Organs without catastrophic or severe complications	52	2,68	56,39	3,23	194	2,66	3,73
6	J08A	Other Skin Graft and/or Debridement Procedures with Catastrophic or Severe complications	19	0,98	55,16	3,16	212	2,90	11,15
7	J09Z	Perianal and Pilonidal Procedures	88	4,54	50,67	2,90	527	7,22	5,98
8	R02B	Other Neoplastic Disorders with Major operation room Procedures without catastrophic or severe complications	28	1,44	50,58	2,90	160	2,19	5,71
9	B60A	Established Paraplegia/Quadriplegia with or without operation room procedures with Catastrophic complications	4	0,21	44,60	2,55	106	1,45	26,50
10	I27B	Soft Tissue Procedures without Catastrophic or Severe complications	32	1,65	32,71	1,87	163	2,23	5,09
Total first 10 DRG diagnoses with greatest severity			1.502	77,42	1.259	72,08	5.228	71,62	3,48
The other 92 DRG of the total number of DRG services performed			438	22,58	488	27,92	2.072	28,38	4,73
In the healthcare institution there are in total 102 Different DRG services			1.940	100,00	1.747	100,00	7.300	100,00	3,76

DIGESTIVE SURGERY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	G02B	Major Small and Large Bowel Procedures without Catastrophic complications	290	12,47	784,68	18,50	3.364	18,55	11,60
2	G01B	Rectal Resection without Catastrophic complications	121	5,20	421,70	9,94	1.339	7,38	11,06
3	G03A	Stomach, Oesophageal and Duodenal Procedures with Malignancy	66	2,84	398,27	9,39	851	4,69	12,89
4	H01B	Pancreas, Liver and Shunt Procedures without Catastrophic complications	91	3,91	280,40	6,61	1.359	7,49	14,93
5	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	107	4,60	197,82	4,66	918	5,06	8,57
6	H08B	Laparoscopic Cholecystectomy without Closed CDE without catastrophic or severe complications	175	7,52	182,33	4,30	537	2,96	3,06
7	G02A	Major Small and Large Bowel Procedures with Catastrophic complications	31	1,33	164,14	3,87	547	3,02	17,64
8	G09Z	Inguinal and Femoral Hernia Procedures Age>0	242	10,40	161,56	3,81	1.006	5,55	4,15
9	G07B	Appendectomy without Catastrophic or Severe complications	142	6,10	150,79	3,56	674	3,72	4,74
10	H08A	Laparoscopic Cholecystectomy with Closed CDE or with (catastrophic or severe complications)	70	3,01	149,58	3,53	278	1,53	3,97
Total first 10 DRG diagnoses with greatest severity			1.335	57,39	2.891	68,18	10.873	59,96	8,14
The other 108 DRG of the total number of DRG services performed			991	42,61	1.349	31,82	7.260	40,04	7,33
In the healthcare institution there are in total 118 Different DRG services			2.326	100,00	4.241	100,00	18.133	100,00	7,80

Note:

The analysis of the data shows that although this is an University Clinic which should treat complex and complicated cases, relatively large part goes to elective and uncomplicated cases (over a third of the number of patients)

1. G09Z Inguinal and Femoral Hernia Procedures Age>0
2. G07B Appendectomy without Catastrophic or Severe complications
3. H07B Open Cholecystectomy without Closed CDE without Catastrophic complications

EAR, NOSE AND THROAT CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	A06Z	Tracheostomy or Ventilation >95 hours	102	4,21	1.686,24	53,07	1.056	13,87	10,35
2	D11Z	Tonsillectomy and/or Adenoidectomy	649	26,76	335,53	10,56	2.087	27,41	3,21
3	D09Z	Miscellaneous Ear, Nose, Mouth and Throat Procedures	276	11,38	244,56	7,70	566	7,43	2,05
4	D12Z	Other Ear, Nose, Mouth and Throat Procedures	322	13,28	195,74	6,16	576	7,56	1,78
5	D06Z	Sinus, Mastoid and Complex Middle Ear Procedures	141	5,81	145,74	4,59	778	10,22	5,51
6	D10Z	Nasal Procedures	201	8,29	117,32	3,69	694	9,11	3,45
7	D66B	Other Ear, Nose, Mouth and Throat Diagnoses without complications	145	5,98	66,85	2,10	356	4,67	2,45
8	D65Z	Nasal Trauma and Deformity	150	6,19	64,29	2,02	93	1,22	,62
9	D60B	Ear, Nose, Mouth and Throat Malignancy without Catastrophic or Severe complications	73	3,01	41,63	1,31	132	1,73	1,80
10	D02C	Head and Neck Procedures without Malignancy without complications	19	0,78	24,01	0,76	121	1,59	6,36
Total first 10 DRG diagnoses with greatest severity			2.078	85,69	2.922	91,95	6.459	84,82	3,11
The other 56 DRG of the total number of DRG services performed			347	14,31	256	8,05	1.156	15,18	3,33
In the healthcare institution there are in total 66 Different DRG services			2.425	100,00	3.178	100,00	7.615	100,00	3,14

INFECTIVE DISEASES CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	H63B	Disorders of Liver Excep Malig, Cirrhosis, Alcoholic Hepatitis without catastrophic/severe complications	706	17,84	676,56	17,11	7.246	20,37	10,26
2	E62B	Respiratory Infections/Inflamations with Severe or Moderate complications	378	9,55	504,29	12,75	3.820	10,74	10,10
3	G67A	Oesophagitis, Gastroent & Misc Digestive System Disorders Age >9 with catastrophic/severe complications	218	5,51	273,85	6,93	1.278	3,59	5,86
4	A06Z	Tracheostomy or Ventilation >95 hours	16	0,40	264,51	6,69	283	0,80	17,68
5	G68A	Gastroenteritis Age <10 with complications	363	9,17	220,96	5,59	2.041	5,74	5,62
6	E62C	Respiratory Infections/Inflamations without complications	364	9,20	217,93	5,51	2.995	8,42	8,22
7	B72A	Nervous System Infection Except Viral Meningitis with catastrophic or severe complications	49	1,24	186,25	4,71	1.075	3,02	21,93
8	T60A	Septicaemia with Catastrophic or Severe complications	67	1,69	164,32	4,16	1.281	3,60	19,11
9	E62A	Respiratory Infections/Inflamations with Catastrophic complications	65	1,64	151,41	3,83	779	2,19	11,98
10	T64A	Other Infectious and Parasitic Diseases with Catastrophic or Severe complications	47	1,19	150,80	3,81	785	2,21	16,70
Total first 10 DRG diagnoses with greatest severity			2.273	57,43	2.811	71,09	21.583	60,67	9,50
The other99 DRG of the total number of DRG services performed			1.685	42,57	1.143	28,91	13.990	39,33	8,30
In the healthcare institution there are in total 109 Different DRG services			3.958	100,00	3.954	100,00	35.573	100,00	8,99

PULMOLOGY AND ALERGOLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	364	23,41	585,42	32,08	4.018	25,88	11,03
2	E71B	Respiratory Neoplasms with Severe or Moderate complications	167	10,74	253,61	13,90	1.695	10,92	10,14
3	E71C	Respiratory Neoplasms without complications	148	9,52	155,70	8,53	1.418	9,13	9,58
4	E71A	Respiratory Neoplasms with Catastrophic complications	56	3,60	122,23	6,70	609	3,92	10,87
5	E69A	Bronchitis and Asthma Age >49 with complications	109	7,01	105,11	5,76	1.078	6,94	9,88
6	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	109	7,01	98,13	5,38	1.139	7,34	10,44
7	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	67	4,31	89,38	4,90	695	4,48	10,37
8	E69B	Bronchitis and Asthma Age >49 or with complications	107	6,88	78,05	4,28	1.063	6,85	9,93
9	E62A	Respiratory Infections/Inflammations with Catastrophic complications	20	1,29	46,59	2,55	240	1,55	12,00
10	E62C	Respiratory Infections/Inflammations without complications	75	4,82	44,90	2,46	806	5,19	10,74
Total first 10 DRG diagnoses with greatest severity			1.222	78,59	1.579	86,52	12.761	82,19	10,44
The other 35 DRG of the total number of DRG services performed			333	21,41	246	13,48	2.766	17,81	8,31
In the healthcare institution there are in total 45 Different DRG services			1.555	100,00	1.825	100,00	15.527	100,00	9,99

ORTHOPEDIC DISEASES CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	I03C	Hip Replacement without Catastrophic or Severe complications	283	13,11	1.149,32	34,45	5.128	24,28	18,12
2	I68B	Non-surgical Spinal Disorders without complications	380	17,61	249,17	7,47	3.113	14,74	8,19
3	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	74	3,43	183,49	5,50	1.175	5,56	15,87
4	I04Z	Knee Replacement and Reattachment	40	1,85	182,28	5,46	890	4,21	22,25
5	I18Z	Other Knee Procedures	167	7,74	151,34	4,54	895	4,24	5,35
6	I03B	Hip Replacement with catastrophic or severe complications or Hip Revision without catastrophic or severe complications	27	1,25	133,73	4,01	702	3,32	26,00
7	I27B	Soft Tissue Procedures without Catastrophic or Severe complications	128	5,93	130,85	3,92	890	4,21	6,95
8	I30Z	Hand Procedures	105	4,87	102,08	3,06	237	1,12	2,25
9	I23Z	Local Excision and Removal of Internal Fixation Device Excl Hip and Femur	110	5,10	86,14	2,58	810	3,83	7,36
10	I01Z	Bilateral or Multiple Major Joint Procedures of Lower Extremity	9	0,42	75,53	2,26	229	1,08	25,44
Total first 10 DRG diagnoses with greatest severity			1.323	61,31	2.444	73,26	14.069	66,60	10,63
The other 91 DRG of the total number of DRG services performed			835	38,69	892	26,74	7.055	33,40	8,45
In the healthcare institution there are in total 101 Different DRG services			2.158	100,00	3.336	100,00	21.124	100,00	9,79

NEPHROLOGY CLINIC

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	L60A	Renal Failure with Catastrophic complications	113	8,65	372,14	17,73	1.115	8,18	9,86
2	L60B	Renal Failure with Severe complications	168	12,86	287,80	13,71	1.784	13,08	10,61
3	L67C	Other Kidney and Urinary Tract Diagnoses without Catastrophic or Severe complications	184	14,09	123,24	5,87	1.558	11,43	8,46
4	L67B	Other Kidney and Urinary Tract Diagnoses with Severe complications	76	5,82	116,93	5,57	834	6,12	10,97
5	L09A	Other Procedures for Kidney and Urinary Tract Disorders with catastrophic complications	18	1,38	110,34	5,26	253	1,86	14,05
6	L67A	Other Kidney and Urinary Tract Diagnoses with Catastrophic complications	29	2,22	79,53	3,79	387	2,84	13,34
7	T60A	Septicaemia with Catastrophic or Severe complications	30	2,30	73,58	3,51	300	2,20	10,00
8	T64A	Other Infectious and Parasitic Diseases with Catastrophic or Severe complications	22	1,68	70,59	3,36	321	2,35	14,59
9	L60C	Renal Failure without Catastrophic or Severe complications	103	7,89	65,47	3,12	1.001	7,34	9,71
10	L06A	Minor Bladder Procedures with Catastrophic or Severe complications	24	1,84	54,42	2,59	277	2,03	11,54
Total first 10 DRG diagnoses with greatest severity			767	58,73	1.354	64,51	7.830	57,43	10,21
The other 105 DRG of the total number of DRG services performed			539	41,27	745	35,49	5.805	42,57	10,77
In the healthcare institution there are in total 115 Different DRG services			1.306	100,00	2.099	100,00	13.635	100,00	10,44

GASTROENTEROHEPATOLOGY CLINIC SKOPJE

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	G45B	Other Gastroscopy for Non-Major Digestive Disease, Sameday	1.608	30,38	341,96	11,38	845	5,89	,52
2	G44C	Other Colonoscopy, Sameday	1.028	19,42	267,19	8,89	606	4,22	,58
3	G42A	Other Gastroscopy for Major Digestive Disease	196	3,70	217,64	7,24	1.139	7,94	5,81
4	H63B	Disorders of Liver Except Malign, Cirrhosis, Alcoholic Hepatitis without catastrophic/severe complications	226	4,27	216,58	7,21	904	6,30	4,00
5	G46B	Complex Gastroscopy without Catastrophic or Severe complications	153	2,89	156,79	5,22	1.104	7,69	7,21
6	G46A	Complex Gastroscopy with Catastrophic or Severe complications	61	1,15	149,68	4,98	553	3,85	9,06
7	G42B	Other Gastroscopy for Major Digestive Disease, Sameday	607	11,47	133,86	4,45	357	2,49	,58
8	H63A	Disorders of Liver Except Malign, Cirrhosis, Alcoholic Hepatitis with catastrophic/severe complications	59	1,11	124,28	4,14	420	2,93	7,11
9	H60A	Cirrhosis and Alcoholic Hepatitis with Catastrophic complications	50	0,94	123,81	4,12	350	2,44	7,00
10	H42B	ERCP Other Therapeutic Procedure with Moderate complications	89	1,68	96,89	3,22	740	5,16	8,31
		Total first 10 DRG diagnoses with greatest severity	4.077	77,03	1.829	60,85	7.018	48,91	1,72
		The other 72 DRG of the total number of DRG services performed	1.216	22,97	1.177	39,15	7.331	51,09	6,03
		In the healthcare institution there are in total 82 Different DRG services	5.293	100,00	3.005	100,00	14.349	100,00	2,71

RHEUMATOLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	I69C	Bone Diseases and Spec Arthropathies Age <75 without Catastrophic or Severe complications	266	41,24	282,81	44,50	2.679	41,25	10,07
2	I69B	Bone Diseases and Spec Arthropathies Age >74 or with (Catastrophic or Severe complications)	43	6,67	63,94	10,06	464	7,15	10,79
3	I66A	Inflammatory Musculoskeletal Disorders with catastrophic or severe complications	21	3,26	55,93	8,80	263	4,05	12,52
4	I68A	Non-surgical Spinal Disorders with complications	27	4,19	49,32	7,76	318	4,90	11,77
5	I66B	Inflammatory Musculoskeletal Disorders without catastrophic or severe complications	120	18,60	47,23	7,43	1.145	17,63	9,54
6	I68B	Non-surgical Spinal Disorders without complications	63	9,77	41,31	6,50	628	9,67	9,96
7	I69A	Bone Diseases and Spec Arthropathies Age >74 with Catastrophic or Severe complications	7	1,09	15,84	2,49	74	1,14	10,57
8	I70Z	Non-specific Arthropathies	27	4,19	11,04	1,74	236	3,63	8,74
9	901Z	Extensive operation room Procedure Unrelated to Principal Diagnosis	2	0,31	7,61	1,20	17	0,26	8,50
10	F65B	Peripheral Vascular Disorders without Catastrophic or Severe complications	9	1,40	7,40	1,16	60	0,92	6,66
Total first 10 DRG diagnoses with greatest severity			585	90,70	582	91,64	5.884	90,61	10,06
The other 38 DRG of the total number of DRG services performed			60	9,30	53	8,36	610	9,39	10,17
In the healthcare institution there are in total 48 Different DRG services			645	100,00	636	100,00	6.494	100,00	10,07

PSYCHIATRIC CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	U63B	Major Affective Disorders Age <70 without Catastrophic or Severe complications	231	38,56	255,97	27,92	8.588	39,30	37,17
2	U62A	Paranoia & Acute Psych Disorder with catastrophic/severe complications or with Mental Health Legal Status	38	6,34	158,27	17,27	1.298	5,94	34,15
3	U61A	Schizophrenia Disorders with Mental Health Legal Status	61	10,18	84,67	9,24	2.558	11,70	41,93
4	U61B	Schizophrenia Disorders without Mental Health Legal Status	46	7,68	75,72	8,26	1.364	6,24	29,65
5	U64Z	Other Affective and Somatoform Disorders	56	9,35	71,08	7,75	2.633	12,05	47,01
6	U62B	Paranoia & Acute Psych Disorder without catastrophic/severe complications without Mental Health Legal Status	42	7,01	61,62	6,72	1.144	5,23	27,23
7	U66Z	Eating and Obsessive-Compulsive Disorders	15	2,50	60,34	6,58	544	2,49	36,26
8	B63Z	Dementia and Other Chronic Disturbances of Cerebral Function	16	2,67	46,76	5,10	445	2,04	27,81
9	U63A	Major Affective Disorders Age >69 or with (Catastrophic or Severe complications)	16	2,67	43,64	4,76	504	2,31	31,50
10	U68Z	Childhood Mental Disorders	7	1,17	16,35	1,78	131	0,60	18,71
Total first 10 DRG diagnoses with greatest severity			528	88,15	874	95,39	19.209	87,90	36,38
The other 10 DRG of the total number of DRG services performed			71	11,85	42	4,61	2.645	12,10	37,25
In the healthcare institution there are in total 20 Different DRG services			599	100,00	917	100,00	21.854	100,00	36,48

TOXICOLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	X62A	Poisoning/Toxic Effects of Drugs and Other Substances Age >59 or with complications	151	31,13	121,90	45,31	987	37,49	6,53
2	X62B	Poisoning/Toxic Effects of Drugs and Other Substances Age <60 without complications	273	56,29	92,96	34,55	1.207	45,84	4,42
3	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	6	1,24	9,65	3,59	38	1,44	6,33
4	E62B	Respiratory Infections/Inflammations with Severe or Moderate complications	7	1,44	9,34	3,47	61	2,32	8,71
5	V60A	Alcohol Intoxication and Withdrawal with complications	3	0,62	3,32	1,23	10	0,38	3,33
6	E62C	Respiratory Infections/Inflammations without complications	5	1,03	2,99	1,11	35	1,33	7,00
7	V63A	Opioid Use Disorder and Dependence	8	1,65	2,58	0,96	72	2,73	9,00
8	G45A	Other Gastroscopy for Non-Major Digestive Disease	3	0,62	2,53	0,94	24	0,91	8,00
9	E62A	Respiratory Infections/Inflammations with Catastrophic complications	1	0,21	2,33	0,87	7	0,27	7,00
10	H61A	Malignancy of Hepatobiliary Sys,Panc (Age>69 with catastrophic or severe complications) or with catastrophic complications	1	0,21	2,12	0,79	11	0,42	11,00
Total first 10 DRG diagnoses with greatest severity			458	94,43	250	92,82	2.452	93,13	5,35
The other 22 DRG of the total number of DRG services performed			27	5,57	19	7,18	181	6,87	6,70
In the healthcare institution there are in total 32 Different DRG services			485	100,00	269	100,00	2.633	100,00	5,43

CHILD SURGERY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	G09Z	Inguinal and Femoral Hernia Procedures Age>0	262	17,98	174,91	11,16	1.741	17,33	6,64
2	M04B	Testes Procedures without complications	208	14,28	130,00	8,29	1.385	13,79	6,65
3	G07B	Appendectomy without Catastrophic or Severe complications	107	7,34	113,62	7,25	820	8,16	7,66
4	G02B	Major Small and Large Bowel Procedures without Catastrophic complications	38	2,61	102,82	6,56	399	3,97	10,50
5	P06A	Neonate, AdmWt >2499 g with Significant operation room Procedure with Multi Major Problems	4	0,27	72,67	4,64	41	0,41	10,25
6	P05Z	Neonate, AdmWt 2000-2499 g with Significant operation room Procedure	4	0,27	62,97	4,02	26	0,26	6,50
7	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	25	1,72	61,99	3,95	223	2,22	8,92
8	G10Z	Hernia Procedures Age<1	78	5,35	56,61	3,61	520	5,18	6,66
9	P06B	Neonate, AdmWt >2499 g with Significant operation room Procedure without Multi Major Problems	10	0,69	52,97	3,38	115	1,14	11,50
10	I13C	Humerus, Tibia, Fibula and Ankle Procedures Age <60 without catastrophic or severe complications	30	2,06	46,19	2,95	254	2,53	8,46
Total first 10 DRG diagnoses with greatest severity			766	52,57	875	55,80	5.524	54,99	7,21
The other 129 DRG of the total number of DRG services performed			691	47,43	693	44,20	4.522	45,01	6,54
In the healthcare institution there are in total 139 Different DRG services			1.457	100,00	1.568	100,00	10.046	100,00	6,89

NEUROSURGERY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	A06Z	Tracheostomy or Ventilation >95 hours	105	7,53	1.735,84	41,03	2.411	18,97	22,96
2	B02C	Craniotomy without complications	295	21,16	908,78	21,48	3.561	28,01	12,07
3	B02B	Craniotomy with Severe or Moderate complications	82	5,88	392,85	9,28	1.397	10,99	17,03
4	I10B	Other Back and Neck Procedures without Catastrophic or Severe complications	104	7,46	199,14	4,71	655	5,15	6,29
5	B70C	Stroke without Catastrophic or Severe complications	82	5,88	115,53	2,73	848	6,67	10,34
6	B03B	Spinal Procedures without Catastrophic or Severe complications	42	3,01	109,32	2,58	353	2,78	8,40
7	B78B	Intracranial Injury without Catastrophic or Severe complications	92	6,60	95,25	2,25	478	3,76	5,19
8	B80Z	Other Head Injury	158	11,33	66,87	1,58	325	2,56	2,05
9	W01Z	Ventilation or Craniotomy procedures for Multiple Significant Trauma	3	0,22	63,66	1,50	38	0,30	12,66
10	B60B	Established Paraplegia/Quadriplegia with or without operation room procedures without Catastrophic complications	19	1,36	57,82	1,37	209	1,64	11,00
Total first 10 DRG diagnoses with greatest severity			982	70,44	3.745	88,51	10.275	80,83	10,46
The other 65 DRG of the total number of DRG services performed			412	29,56	486	11,49	2.437	19,17	5,92
In the healthcare institution there are in total 75 Different DRG services			1.394	100,00	4.231	100,00	12.712	100,00	9,12

ENDOCRINOLOGY CLINIC SKOPJE

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	K60B	Diabetes without Catastrophic or Severe complications	447	53,60	283,35	43,41	2.582	56,78	5,77
2	K60A	Diabetes with Catastrophic or Severe complications	54	6,47	102,49	15,70	296	6,51	5,48
3	I69C	Bone Diseases and Spec Arthropathies Age <75 without Catastrophic or Severe complications	75	8,99	79,74	12,22	221	4,86	2,94
4	K64B	Endocrine Disorders without Catastrophic or Severe complications	73	8,75	28,49	4,36	398	8,75	5,45
5	C63B	Other Disorders of the Eye without complications	49	5,88	22,59	3,46	274	6,03	5,59
6	K64A	Endocrine Disorders with Catastrophic or Severe complications	7	0,84	13,81	2,12	41	0,90	5,85
7	U66Z	Eating and Obsessive-Compulsive Disorders	3	0,36	12,07	1,85	16	0,35	5,33
8	F65B	Peripheral Vascular Disorders without Catastrophic or Severe complications	14	1,68	11,51	1,76	110	2,42	7,85
9	C63A	Other Disorders of the Eye with complications	19	2,28	10,25	1,57	105	2,31	5,52
10	L67C	Other Kidney and Urinary Tract Diagnoses without Catastrophic or Severe complications	15	1,80	10,05	1,54	97	2,13	6,46
Total first 10 DRG diagnoses with greatest severity			756	90,65	574	87,99	4.140	91,05	5,48
The other 30 DRG of the total number of DRG services performed			78	9,35	78	12,01	407	8,95	5,22
In the healthcare institution there are in total 40 Different DRG services			834	100,00	653	100,00	4.547	100,00	5,45

HEMATOLOGY CLINIC SKOPJE

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	R61B	Lymphoma and Non-Acute Leukaemia without Catastrophic complications	729	22,53	933,63	42,56	7.317	40,40	10,03
2	R60C	Acute Leukaemia without Catastrophic or Severe complications	281	8,68	408,71	18,63	4.733	26,13	16,84
3	R63Z	Chemotherapy	1.166	36,03	265,61	12,11	1.452	8,02	1,24
4	R61C	Lymphoma and Non-Acute Leukaemia, Sameday	709	21,91	117,27	5,35	691	3,82	,97
5	Q62Z	Coagulation Disorders	138	4,26	116,11	5,29	1.048	5,79	7,59
6	A07Z	Allogeneic Bone Marrow Transplant	4	0,12	63,60	2,90	141	0,78	35,25
7	Q61C	Red Blood Cell Disorders without Catastrophic or Severe complications	93	2,87	63,15	2,88	824	4,55	8,86
8	R60B	Acute Leukaemia with Severe complications	23	0,71	56,70	2,58	393	2,17	17,08
9	A08B	Autologous Bone Marrow Transplant without Catastrophic complications	19	0,59	47,80	2,18	517	2,85	27,21
10	R60A	Acute Leukaemia with Catastrophic complications	5	0,15	39,04	1,78	109	0,60	21,80
Total first 10 DRG diagnoses with greatest severity			3.167	97,87	2.112	96,25	17.225	95,10	5,44
The other 17 DRG of the total number of DRG services performed			69	2,13	82	3,75	887	4,90	12,86
In the healthcare institution there are in total 27 Different DRG services			3.236	100,00	2.194	100,00	18.112	100,00	5,60

DERMATOLOGY CLINIC SKOPJE

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	4	5	6	7	8	9	10
1	J68A Major Skin Disorders	166	33,40	208,28	48,98	3.473	52,34	20,92
2	J67A Minor Skin Disorders	236	47,48	138,72	32,62	2.029	30,58	8,59
3	F64Z Skin Ulcers for Circulatory Disorders	14	2,82	26,00	6,11	253	3,81	18,07
4	J64B Cellulitis (Age >59 without Catastrophic or Severe complications) or Age <60	17	3,42	11,10	2,61	177	2,67	10,41
5	F65B Peripheral Vascular Disorders without Catastrophic or Severe complications	10	2,01	8,22	1,93	185	2,79	18,50
6	J60A Skin Ulcers	3	0,60	5,64	1,33	56	0,84	18,66
7	Q62Z Coagulation Disorders	5	1,01	4,21	0,99	53	0,80	10,60
8	J11Z Other Skin, Subcutaneous Tissue and Breast Procedures	10	2,01	3,72	0,87	40	0,60	4,00
9	X61Z Allergic Reactions	11	2,21	3,24	0,76	70	1,06	6,36
10	I66A Inflammatory Musculoskeletal Disorders with catastrophic or severe complications	1	0,20	2,66	0,63	18	0,27	18,00
Total first 10 DRG diagnoses with greatest severity		473	95,17	412	96,84	6.354	95,76	13,43
The other 12 DRG of the total number of DRG services performed		24	4,83	13	3,16	281	4,24	11,71
In the healthcare institution there are in total 22 Different DRG services		497	100,00	425	100,00	6.635	100,00	13,35

CARDIOLOGY CLINIC

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	F42A	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures with Complex DX/Pr	1.065	16,06	1.425,29	16,94	2.561	9,72	2,40
2	F10Z	Percutaneous Coronary Intervention with AMI	353	5,32	903,40	10,74	1.967	7,46	5,57
3	F15Z	Percutaneous Coronary Intervention without AMI with Stent Implantation	467	7,04	863,48	10,26	928	3,52	1,98
4	F42B	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures without Complex DX/Pr	892	13,45	841,42	10,00	1.562	5,93	1,75
5	F14C	Vascular procedures Except Major Reconstruction without CPB Pump without catastrophic or severe complications	565	8,52	636,64	7,57	2.167	8,22	3,83
6	F12Z	Cardiac Pacemaker Implantation	137	2,07	546,51	6,50	696	2,64	5,08
7	F62B	Heart Failure and Shock without Catastrophic complications	269	4,06	298,40	3,55	1.348	5,11	5,01
8	F17Z	Cardiac Pacemaker Replacement	92	1,39	290,36	3,45	452	1,71	4,91
9	F75C	Other Circulatory System Diagnoses without Catastrophic or Severe complications	451	6,80	236,78	2,81	2.855	10,83	6,33
10	A06Z	Tracheostomy or Ventilation >95 hours	13	0,20	214,91	2,55	85	0,32	6,53
Total first 10 DRG diagnoses with greatest severity			4.304	64,91	6.257	74,38	14.621	55,47	3,40
The other 49 DRG of the total number of DRG services performed			2.327	35,09	2.156	25,62	11.738	44,53	5,04
In the healthcare institution there are in total 59 Different DRG services			6.631	100,00	8.413	100,00	26.359	100,00	3,98

SPECIAL HOSPITALS

PHI SPECIAL GYNECOLOGY AND OBSTETRICS HOSPITAL CAIR

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	O60C	Vaginal Delivery Single Uncomplicated without Other Condition	1.533	20,91	922,71	18,56	5.258	18,93	3,42
2	O01C	Caesarean Delivery without Catastrophic or Severe complications	633	8,63	913,80	18,38	4.339	15,62	6,85
3	P67D	Neonate, AdmWt >2499 g without Significant operation room Procedure without Problem	1.844	25,15	577,36	11,62	5.390	19,40	2,92
4	P67C	Neonate, AdmWt >2499 g without Significant operation room Procedure with Other Problem	640	8,73	486,08	9,78	3.297	11,87	5,15
5	O60B	Vaginal Delivery without Catastrophic or Severe complications	456	6,22	349,34	7,03	1.657	5,96	3,63
6	O05Z	Abortion with operation room Procedure	338	4,61	211,62	4,26	411	1,48	1,21
7	O66A	Antenatal and Other Obstetric Admission	431	5,88	204,99	4,12	1.457	5,24	3,38
8	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	142	1,94	198,54	3,99	835	3,01	5,88
9	N04Z	Hysterectomy for Non-Malignancy	105	1,43	155,30	3,12	999	3,60	9,51
10	O01B	Caesarean Delivery with Severe complications	77	1,05	152,14	3,06	643	2,31	8,35
Total first 10 DRG diagnoses with greatest severity			6.199	84,54	4.172	83,93	24.286	87,42	3,92
The other 35 DRG of the total number of DRG services performed			1.134	15,46	799	16,07	3.494	12,58	3,08
In the healthcare institution there are in total 45 Different DRG services			7.333	100,00	4.971	100,00	27.780	100,00	3,79

PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	328	32,44	527,52	37,00	4.554	28,89	13,88
2	E62B	Respiratory Infections/Inflamations with Severe or Moderate complications	104	10,29	138,75	9,73	1.829	11,60	17,58
3	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	100	9,89	90,03	6,31	1.148	7,28	11,48
4	E62A	Respiratory Infections/Inflamations with Catastrophic complications	35	3,46	81,53	5,72	524	3,32	14,97
5	E71B	Respiratory Neoplasms with Severe or Moderate complications	45	4,45	68,34	4,79	621	3,94	13,80
6	E71A	Respiratory Neoplasms with Catastrophic complications	30	2,97	65,48	4,59	456	2,89	15,20
7	E02A	Other Respiratory System operation room Procedures with Catastrophic complications	11	1,09	53,54	3,76	210	1,33	19,09
8	E62C	Respiratory Infections/Inflamations without complications	82	8,11	49,09	3,44	2.474	15,69	30,17
9	F75A	Other Circulatory System Diagnoses with Catastrophic complications	12	1,19	28,06	1,97	167	1,06	13,91
10	E71C	Respiratory Neoplasms without complications	26	2,57	27,35	1,92	378	2,40	14,53
Total first 10 DRG diagnoses with greatest severity			773	76,46	1.130	79,23	12.361	78,42	15,99
The other 42 DRG of the total number of DRG services performed			238	23,54	296	20,77	3.402	21,58	14,29
In the healthcare institution there are in total 52 Different DRG services			1.011	100,00	1.426	100,00	15.763	100,00	15,59

PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	H07B	Open Cholecystectomy without Closed CDE without Catastrophic complications	241	4,19	445,56	6,99	1.631	4,89	6,76
2	G07B	Appendectomy without Catastrophic or Severe complications	374	6,50	397,15	6,23	1.844	5,53	4,93
3	G09Z	Inguinal and Femoral Hernia Procedures Age>0	567	9,85	378,53	5,94	3.553	10,66	6,26
4	I08A	Other Hip and Femur Procedures with Catastrophic or Severe complications	62	1,08	243,32	3,82	653	1,96	10,53
5	A06Z	Tracheostomy or Ventilation >95 hours	13	0,23	214,91	3,37	444	1,33	34,15
6	G02B	Major Small and Large Bowel Procedures without Catastrophic complications	79	1,37	213,76	3,35	1.134	3,40	14,35
7	I13C	Humerus, Tibia, Fibula and Ankle Procedures Age <60 without catastrophic or severe complications	124	2,15	190,94	3,00	556	1,67	4,48
8	B80Z	Other Head Injury	413	7,18	174,78	2,74	1.419	4,26	3,43
9	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	60	1,04	148,78	2,33	479	1,44	7,98
10	I19Z	Other Elbow or Forearm Procedures	129	2,24	144,78	2,27	462	1,39	3,58
Total first 10 DRG diagnoses with greatest severity			2.062	35,82	2.553	40,05	12.175	36,53	5,90
The other 264 DRG of the total number of DRG services performed			3.694	64,18	3.820	59,95	21.151	63,47	5,73
In the healthcare institution there are in total 274 Different DRG services			5.756	100,00	6.373	100,00	33.326	100,00	5,79

PHI SPECIAL ORTHOPEDIC AND TRAUMATOLOGY HOSPITAL ST. ERAZMO OHRID

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	I03C	Hip Replacement without Catastrophic or Severe complications	136	7,25	552,32	15,69	3.041	8,65	22,36
2	I04Z	Knee Replacement and Reattachment	73	3,89	332,66	9,45	1.924	5,48	26,35
3	B60A	Established Paraplegia/Quadriplegia with or without operation room procedures with Catastrophic complications	21	1,12	234,16	6,65	424	1,21	20,19
4	I03B	Hip Replacement with catastrophic or severe complications or Hip Revision without catastrophic or severe complications	37	1,97	183,26	5,21	912	2,60	24,64
5	I08B	Other Hip and Femur Procedures without Catastrophic or Severe complications	59	3,14	146,30	4,16	1.629	4,64	27,61
6	Z60A	Rehabilitation with Catastrophic or Severe complications	53	2,83	145,68	4,14	1.866	5,31	35,20
7	I18Z	Other Knee Procedures	121	6,45	109,65	3,11	1.495	4,25	12,35
8	I08A	Other Hip and Femur Procedures with Catastrophic or Severe complications	26	1,39	102,04	2,90	696	1,98	26,76
9	B60B	Established Paraplegia/Quadriplegia with or without operation room procedures without Catastrophic complications	27	1,44	82,16	2,33	1.224	3,48	45,33
10	Z60B	Rehabilitation without Catastrophic or Severe complications	55	2,93	77,97	2,21	1.827	5,20	33,21
Total first 10 DRG diagnoses with greatest severity			608	32,41	1.966	55,86	15.038	42,79	24,73
The other 145 DRG of the total number of DRG services performed			1.268	67,59	1.554	44,14	20.103	57,21	15,85
In the healthcare institution there are in total 155 Different DRG services			1.876	100,00	3.520	100,00	35.141	100,00	18,73

PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	E62C	Respiratory Infections/Inflamations without complications	1,966	52,64	1.177,04	41,96	14,729	54,38	7,49
2	E62B	Respiratory Infections/Inflamations with Severe or Moderate complications	695	18,61	927,20	33,05	5,487	20,26	7,89
3	E69B	Bronchitis and Asthma Age >49 or with complications	278	7,44	202,77	7,23	1,901	7,02	6,83
4	E69C	Bronchitis and Asthma Age <50 without complications	201	5,38	93,44	3,33	1,282	4,73	6,37
5	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	57	1,53	51,32	1,83	389	1,44	6,82
6	D64Z	Laryngotracheitis and Epiglottitis	153	4,10	50,93	1,82	674	2,49	4,40
7	D63B	Otitis Media and URI without complications	111	2,97	46,16	1,65	615	2,27	5,54
8	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	25	0,67	40,21	1,43	152	0,56	6,08
9	E70B	Whooping Cough and Acute Bronchiolitis without complications	68	1,82	35,00	1,25	466	1,72	6,85
10	P67B	Neonate, AdmWt >2499 g without Significant operation room Procedure with Major Problem	23	0,62	32,16	1,15	166	0,61	7,21
		Total first 10 DRG diagnoses with greatest severity	3.577	95,77	2.656	94,68	25.861	95,47	7,23
		The other 33 DRG of the total number of DRG services performed	158	4,23	149	5,32	1.226	4,53	7,76
		In the healthcare institution there are in total 43 Different DRG services	3.735	100,00	2.805	100,00	27.087	100,00	7,25

NEPHROLOGY INSTITUTE STRUGA

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	L07B	Transurethral Procedures Except Prostatectomy without Catastrophic or Severe complications	62	12,97	45,63	10,18	248	9,05	4,00
2	L60B	Renal Failure with Severe complications	24	5,02	41,11	9,17	166	6,06	6,91
3	M02B	Transurethral Prostatectomy without Catastrophic or Severe complications	30	6,28	30,43	6,79	209	7,62	6,96
4	L04B	Kidney, Ureter and Major Bladder Procedures for Non-Neoplasm with severe or Mod complications	11	2,30	29,34	6,54	95	3,47	8,63
5	M04B	Testes Procedures without complications	38	7,95	23,75	5,30	142	5,18	3,73
6	M02A	Transurethral Prostatectomy with Catastrophic or Severe complications	13	2,72	22,70	5,06	163	5,95	12,53
7	L64Z	Urinary Stones and Obstruction	38	7,95	20,19	4,50	120	4,38	3,15
8	L40Z	Ureteroscopy	15	3,14	17,75	3,96	45	1,64	3,00
9	L60C	Renal Failure without Catastrophic or Severe complications	27	5,65	17,16	3,83	141	5,14	5,22
10	L04C	Kidney, Ureter and Major Bladder Procedures for Non-Neoplasm without complications	12	2,51	16,67	3,72	93	3,39	7,75
Total first 10 DRG diagnoses with greatest severity			270	56,49	265	59,03	1.422	51,88	5,27
The other 42 DRG of the total number of DRG services performed			208	43,51	184	40,97	1.319	48,12	6,34
In the healthcare institution there are in total 52 Different DRG services			478	100,00	448	100,00	2.741	100,00	5,73

INSTITUTE FOR RADIO THERAPY AND ONCOLOGY

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	E71B	Respiratory Neoplasms with Severe or Moderate complications	184	10,29	279,42	18,59	1.413	5,29	7,67
2	E71C	Respiratory Neoplasms without complications	261	14,60	274,57	18,27	3.041	11,38	11,65
3	G60B	Digestive Malignancy without Catastrophic or Severe complications	258	14,43	266,80	17,75	2.762	10,33	10,70
4	H61B	Malignancy of Hepatobiliary Sys,Panc (Age>69 without catastrophic or severe complications) or without catastrophic complications	147	8,22	97,83	6,51	648	2,42	4,40
5	D60B	Ear, Nose, Mouth and Throat Malignancy without Catastrophic or Severe complications	141	7,89	80,41	5,35	4.515	16,89	32,02
6	N60B	Malignancy, Female Reproductive System without Catastrophic or Severe complications	126	7,05	65,56	4,36	3.614	13,52	28,68
7	J68A	Major Skin Disorders	52	2,91	65,24	4,34	574	2,15	11,03
8	N09Z	Conisation, Vagina, Cervix and Vulva Procedures	147	8,22	50,83	3,38	2.479	9,28	16,86
9	I65B	Connective Tissue Malignancy, Including Pathological Fx without catastrophic or severe complications	108	6,04	45,26	3,01	814	3,05	7,53
10	M60B	Malignancy, Male Reproductive System without Catastrophic or Severe complications	32	1,79	44,37	2,95	618	2,31	19,31
Total first 10 DRG diagnoses with greatest severity			1.456	81,43	1.270	84,51	20.478	76,62	14,06
The other 26 DRG of the total number of DRG services performed			332	18,57	233	15,49	6.248	23,38	18,82
In the healthcare institution there are in total 36 Different DRG services			1.788	100,00	1.503	100,00	26.726	100,00	14,95

PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO

Rank	DRG		Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	400	35,06	643,32	50,88	5.229	38,89	13,07
2	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	328	28,75	295,30	23,35	3.812	28,35	11,62
3	F62B	Heart Failure and Shock without Catastrophic complications	50	4,38	55,47	4,39	508	3,78	10,16
4	E69B	Bronchitis and Asthma Age >49 or with complications	66	5,78	48,14	3,81	665	4,95	10,07
5	E69A	Bronchitis and Asthma Age >49 with complications	46	4,03	44,36	3,51	464	3,45	10,08
6	E62B	Respiratory Infections/Inflamations with Severe or Moderate complications	30	2,63	40,02	3,17	466	3,47	15,53
7	F66A	Coronary Atherosclerosis with complications	56	4,91	29,48	2,33	594	4,42	10,60
8	F66B	Coronary Atherosclerosis without complications	43	3,77	16,59	1,31	385	2,86	8,95
9	E62C	Respiratory Infections/Inflamations without complications	26	2,28	15,57	1,23	439	3,26	16,88
10	F62A	Heart Failure and Shock with Catastrophic complications	6	0,53	13,66	1,08	85	0,63	14,16
Total first 10 DRG diagnoses with greatest severity			1.051	92,11	1.202	95,05	12.647	94,05	12,03
The other 17 DRG of the total number of DRG services performed			90	7,89	63	4,95	800	5,95	8,89
In the healthcare institution there are in total 27 Different DRG services			1.141	100,00	1.264	100,00	13.447	100,00	11,79

PHI SPECIAL HOSPITAL LESOK

Rank	DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay	
1	2	3	4	5	6	7	8	9	10
1	E65A	Chronic Obstructive Airways Disease with Catastrophic or Severe complications	798	85,35	1.283,42	91,61	10.181	83,12	12,75
2	E65B	Chronic Obstructive Airways Disease without Catastrophic or Severe complications	71	7,59	63,92	4,56	737	6,02	10,38
3	E62C	Respiratory Infections/Inflamations without complications	39	4,17	23,35	1,67	737	6,02	18,89
4	E62B	Respiratory Infections/Inflamations with Severe or Moderate complications	10	1,07	13,34	0,95	355	2,90	35,50
5	E69B	Bronchitis and Asthma Age >49 or with complications	7	0,75	5,11	0,36	66	0,54	9,42
6	E62A	Respiratory Infections/Inflamations with Catastrophic complications	2	0,21	4,66	0,33	21	0,17	10,50
7	E69A	Bronchitis and Asthma Age >49 with complications	4	0,43	3,86	0,28	57	0,47	14,25
8	E73B	Pleural Effusion with Severe complications	1	0,11	1,55	0,11	11	0,09	11,00
9	E69C	Bronchitis and Asthma Age <50 without complications	2	0,21	0,93	0,07	23	0,19	11,50
10	Q60C	Reticuloendothelial and Immunity Disorders without catastrophic or severe complications without Malignancy	1	0,11	0,80	0,06	60	0,49	60,00
Total first 10 DRG diagnoses with greatest severity		935	100,00	1.401	100,00	12.248	100,00	13,10	13,10
The other DRG of the total number of DRG services performed		0	0,00	0	0,00	0	0,00	0,00	,00
In the healthcare institution there are in total 0 Different DRG services		935	100,00	1.401	100,00	12.248	100,00	13,10	13,10

INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID

Rank		DRG	Number of cases	% number of cases	DRG severity	% DRG severity	Days of stay	% days of stay	Average stay
1	2	3	4	5	6	7	8	9	10
1	F15Z	Percutaneous Coronary Intervention without AMI with Stent Implantation	307	17,52	567,64	22,38	483	4,58	1,57
2	F10Z	Percutaneous Coronary Intervention with AMI	166	9,47	424,83	16,75	806	7,64	4,85
3	F42B	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures without Complex DX/Pr	426	24,32	401,85	15,84	539	5,11	1,26
4	F42A	Circulatory Disorders without AMI with Invasive Cardiac investigation procedures with Complex DX/Pr	249	14,21	333,24	13,14	3.842	36,40	15,42
5	Z60A	Rehabilitation with Catastrophic or Severe complications	79	4,51	217,14	8,56	1.563	14,81	19,78
6	Z60B	Rehabilitation without Catastrophic or Severe complications	91	5,19	129,00	5,09	1.678	15,90	18,43
7	E64Z	Pulmonary Oedema and Respiratory Failure	44	2,51	50,78	2,00	163	1,54	3,70
8	F41A	Circulatory Disorders with AMI with Invasive Cardiac investigation procedures with catastrophic or severe complications	20	1,14	45,45	1,79	98	0,93	4,90
9	F71A	Non-Major Arrhythmia and Conduction Disorders with Catastrophic or Severe complications	24	1,37	35,86	1,41	79	0,75	3,29
10	F60A	Circulatory Disorders with AMI without Invasive Cardiac investigation procedures with catastrophic or severe complications	13	0,74	24,72	0,97	70	0,66	5,38
Total first 10 DRG diagnoses with greatest severity			1.419	80,99	2.231	87,95	9.321	88,32	6,57
The other 48 DRG of the total number of DRG services performed			333	19,01	306	12,05	1.233	11,68	3,70
In the healthcare institution there are in total 58 Different DRG services			1.752	100,00	2.536	100,00	10.554	100,00	6,02

Part II: COMPARISON OF THE DATA BY TRIMESTERS FOR THE PERIOD JANUARY – DECEMBER 2009

Number of cases

HEALTHCARE INSTITUTION	1 trimester		2 trimester		3 trimester		4 trimester		Total	
	Number of cases	DRG severity	Number of cases	DRG severity	Number of cases	DRG severity	Number of cases	DRG severity	Number of cases	DRG severity
PHI GENERAL HOSPITAL KICEVO	1.186	723,49	763	495,31	661	364,08	672	396,07	3.282	1.978,94
PHI GENERAL HOSPITAL DEBAR	614	407,03	499	350,26	575	374,6	522	316,07	2.210	1.447,95
PHI GENERAL HOSPITAL KOCANI	1.299	893,17	1.270	898,22	1.070	692,22	1.180	809,14	4.819	3.292,75
PHI GENERAL HOSPITAL PRILEP	3.178	2.782,29	2.691	2.289,45	1.704	1.458,94	2.153	1.828,73	9.726	8.359,41
PHI GENERAL HOSPITAL KAVADARCI	1.526	1.097,41	1.696	1.176,09	1.265	818,49	1.273	841,53	5.760	3.933,51
PHI GENERAL HOSPITAL STRUMICA	3.128	2.210,92	2.864	1.958,21	2.436	1.557,60	2.521	1.786,94	10.949	7.513,67
PHI GENERAL HOSPITAL OHRID	2.069	1.805,72	1.446	1.270,62	1.100	900,08	1.181	968,89	5.796	4.945,31
PHI GENERAL HOSPITAL GEVGELIJA	996	840,49	855	613,93	739	481,68	723	496,32	3.313	2.432,43
PHI GENERAL HOSPITAL VELES	2.509	1.971,05	2.195	1.778,23	1.629	1.178,18	1.872	1.381,68	8.205	6.309,14
PHI GENERAL HOSPITAL GOSTIVAR	1.775	1.446,22	1.643	1.255,95	1.538	1.092,83	1.385	1.043,78	6.341	4.838,78
PHI GENERAL HOSPITAL KUMANOVO	2.657	2.087,76	3.554	2.053,23	1.811	1.287,88	2.271	1.641,94	10.293	7.070,80
PHI GENERAL HOSPITAL STRUGA	1.568	1.102,08	1.481	1.049,12	1.320	874,85	1.308	955,74	5.677	3.981,78
PHI CLINICAL HOSPITAL BITOLA	3.788	3.595,87	4.089	3.664,21	2.968	2.502,94	3.808	3.250,11	14.653	13.013,13
PHI CLINICAL HOSPITAL TETOVO	4.484	3.280,43	6.227	3.361,51	4.168	2.699,95	4.158	2.849,77	19.037	12.191,66
PHI CLINICAL HOSPITAL STIP	1.903	1.656,75	3.950	3.266,98	2.889	2.366,43	2.928	2.354,32	11.670	9.644,49
General hospitals total	32.680	25.900,67	35.223	25.481,31	25.873	18.650,74	27.955	20.921,02	121.731	90.953,74
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	3.306	2.759,99	4.252	3.629,82	4.082	3.661,81	4.200	4.047,03	15.840	14.098,65
THORACIC AND VASCULAR SURGERY CLINIC	505	732,15	479	763,06	396	584,39	515	731,54	1.895	2.811,14
EYE DISEASES CLINIC SKOPJE	627	430,58	773	528,9	594	372,88	808	507,27	2.802	1.839,64
MAXILLO-FACIAL SURGERY CLINIC	176	184,32	208	237,3	145	148,44	178	220,62	707	790,69
UROLOGY CLINIC	560	526,84	568	543,15	344	293,73	526	501,11	1.998	1.864,83
TRAUMATOLOGY CLINIC SKOPJE	438	784,67	461	792,17	270	535,14	378	638,31	1.547	2.750,29
NEUROLOGY CLINIC SKOPJE	562	651,01	543	726,76	464	613,05	595	745,51	2.164	2.736,32
CHILD DISEASES CLINIC SKOPJE	1.477	1.368,31	1.723	1.646,22	1.381	1.368,76	1.705	1.582,73	6.286	5.966,01
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	491	496,13	491	452,85	363	336,11	595	461,88	1.940	1.746,97

DIGESTIVE SURGERY CLINIC SKOPJE	637	1.177,27	646	1.086,89	424	853,91	619	1.122,59	2.326	4.240,66
EAR, NOSE AND THROAT CLINIC SKOPJE	580	902,01	734	874,46	420	630,39	691	770,79	2.425	3.177,65
INFECTIVE DISEASES CLINIC SKOPJE	937	898,69	1.396	1.309,98	711	783,74	914	961,69	3.958	3.954,10
PULMOLOGY AND ALERGOLOGY CLINIC	423	494,74	430	497,33	318	362,8	384	470,19	1.555	1.825,07
ORTHOPEDIC DISEASES CLINIC SKOPJE	530	760,18	685	1.011,06	347	516,36	596	1.048,53	2.158	3.336,13
NEPHROLOGY CLINIC	360	481,68	360	532,8	288	557,82	298	526,82	1.306	2.099,11
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	1.440	805,57	1.488	873,41	1.145	605,3	1.220	721,12	5.293	3.005,40
RHEUMATOLOGY CLINIC SKOPJE	188	199,84	196	196,99	121	109,45	140	129,31	645	635,58
PSYCHIATRIC CLINIC SKOPJE	130	214,77	161	251,58	162	245,31	146	205,01	599	916,67
TOXICOLOGY CLINIC SKOPJE	100	52,16	145	72,97	77	39,31	163	104,61	485	269,04
CHILD SURGERY CLINIC SKOPJE	327	337,24	405	481,68	357	398,15	368	350,66	1.457	1.567,73
NEUROSURGERY CLINIC SKOPJE	270	780,19	461	1.393,76	259	859,98	404	1.197,16	1.394	4.231,10
ENDOCRINOLOGY CLINIC SKOPJE	216	171,56	203	162,43	185	150,78	230	167,99	834	652,76
HEMATOLOGY CLINIC SKOPJE	1.090	641,78	1.548	763,86	315	393,12	283	395,15	3.236	2.193,91
DERMATOLOGY CLINIC SKOPJE	188	149,66	155	128,34	82	78,13	72	69,09	497	425,21
CARDIOLOGY CLINIC	1.749	2.104,45	1.765	2.165,34	1.087	1.303,99	2.030	2.839,10	6.631	8.412,88
Clinics total	17.307	18.105,78	20.276	21.123,10	14.337	15.802,86	18.058	20.515,79	69.978	75.547,53
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	1.580	1.070,37	1.939	1.319,35	2.000	1.350,14	1.814	1.230,85	7.333	4.970,71
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	341	480,53	251	369,2	198	267,62	221	308,58	1.011	1.425,93
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	1.346	1.529,11	1.666	1.797,76	1.181	1.353,08	1.563	1.692,87	5.756	6.372,81
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	543	1.134,48	412	729,28	439	719,46	482	936,92	1.876	3.520,15
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	1.068	862,5	985	766,48	621	459,49	1.061	716,96	3.735	2.805,42
NEPHROLOGY INSTITUTE STRUGA	156	155,17	113	115,16	109	91,27	100	86,86	478	448,45
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	430	367,34	341	278,27	552	457,15	465	400,34	1.788	1.503,10
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	260	292,66	331	360,9	277	303,75	273	307,14	1.141	1.264,46
PHI SPECIAL HOSPITAL LESOK	227	345,75	217	319,05	215	326,68	276	409,47	935	1.400,94
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	574	879,25	400	559,29	368	504,51	410	593,2	1.752	2.536,25
Total Special Hospitals	6.525	7.117	6.655	6.615	5.960	5.833	6.665	6.683	25.805	26.248
Total	56.512	51.124	62.154	53.219	46.170	40.287	52.678	48.120	217.514	192.749

Average length of stay in hospital (ALOS)

HEALTHCARE INSTITUTION	1 trimester	2 trimester	3 trimester	4 trimester	Total
PHI GENERAL HOSPITAL KICEVO	6,43	9,12	4,68	3,98	6,2
PHI GENERAL HOSPITAL DEBAR	4,89	4,81	4,34	11,27	6,24
PHI GENERAL HOSPITAL KOCANI	5,96	5,93	5,59	9,06	6,63
PHI GENERAL HOSPITAL PRILEP	6,34	6,09	5,62	5,73	6,01
PHI GENERAL HOSPITAL KAVADARCI	4,69	5,46	4,6	4,94	4,95
PHI GENERAL HOSPITAL STRUMICA	5,87	5,9	5,23	5,96	5,76
PHI GENERAL HOSPITAL OHRID	6,02	6,03	6,04	6,37	6,09
PHI GENERAL HOSPITAL GEVGELIJA	5,83	5,44	4,47	4,67	5,17
PHI GENERAL HOSPITAL VELES	6,66	6,56	5,74	5,83	6,26
PHI GENERAL HOSPITAL GOSTIVAR	5,71	5,68	5,18	5,19	5,46
PHI GENERAL HOSPITAL KUMANOVO	7,19	4,73	5,24	5,64	5,66
PHI GENERAL HOSPITAL STRUGA	4,15	4,41	4,42	4,71	4,41
PHI CLINICAL HOSPITAL BITOLA	8,31	7,07	8,11	6,37	7,42
PHI CLINICAL HOSPITAL TETOVO	4,69	4,21	3,64	5,07	4,39
PHI CLINICAL HOSPITAL STIP	10,56	7,01	6,56	6,61	7,38
Total general hospitals	6,35	5,75	6,22	6,05	6,28
GYNECOLOGY AND OBSTETRICS CLINIC SKOPJE	4,89	6,18	4,7	4,69	5,13
THORACIC AND VASCULAR SURGERY CLINIC	7,44	8,35	7,75	7,64	7,79
EYE DISEASES CLINIC SKOPJE	2,87	2,66	2,63	2,42	2,63
MAXILLO-FACIAL SURGERY CLINIC	5,7	6,09	5,79	5,65	5,82
UROLOGY CLINIC	5,54	5,77	5,39	5,52	5,57
TRAUMATOLOGY CLINIC SKOPJE	6,45	6,89	7,66	6,79	6,88
NEUROLOGY CLINIC SKOPJE	11,92	12,21	12,41	11,43	11,96
CHILD DISEASES CLINIC SKOPJE	6,97	7,05	6,53	6,04	6,64
PLASTIC AND RECONSTRUCTIVE SURGERY CLINIC	4,45	3,54	4,63	2,85	3,76
DIGESTIVE SURGERY CLINIC SKOPJE	7,76	7,22	8,86	7,71	7,8
EAR, NOSE AND THROAT CLINIC SKOPJE	3,33	3,21	3,07	2,95	3,14
INFECTIVE DISEASES CLINIC SKOPJE	10,37	6,82	10,32	9,85	8,99

PULMOLOGY AND ALERGOLOGY CLINIC	9,47	10,23	10,66	9,72	9,99
ORTHOPEDIC DISEASES CLINIC SKOPJE	9,54	10,05	8,86	10,25	9,79
NEPHROLOGY CLINIC	12,95	10,36	9,49	8,42	10,44
GASTROENTEROHEPATOLOGY CLINIC SKOPJE	2,76	3,04	2,09	2,84	2,71
RHEUMATOLOGY CLINIC SKOPJE	10,29	10,7	9,26	9,59	10,07
PSYCHIATRIC CLINIC SKOPJE	39,98	50,8	27,1	27,99	36,48
TOXICOLOGY CLINIC SKOPJE	5,32	5,5	4,73	5,76	5,43
CHILD SURGERY CLINIC SKOPJE	7,08	6,94	6,83	6,74	6,89
NEUROSURGERY CLINIC SKOPJE	10,28	8,93	8,82	8,75	9,12
ENDOCRINOLOGY CLINIC SKOPJE	5,66	5,7	5,01	5,39	5,45
HEMATOLOGY CLINIC SKOPJE	4,21	3,7	12,14	14,06	5,6
DERMATOLOGY CLINIC SKOPJE	11,47	13,72	14,05	16,68	13,35
CARDIOLOGY CLINIC	4,31	4,04	3,42	3,93	3,98
Total Clinics	6,38	6,45	6,22	6,05	6,28
PHI SPECIAL HOSPITAL FOR GYNECOLOGY AND OBSTETRICS CAIR	3,72	3,81	3,75	3,87	3,79
PHI INSTITUTE FOR LUNG DISEASES AND TUBERCULOSIS	17,04	15,87	14,45	14,07	15,59
PHI SPECIAL HOSPITAL FOR SURGICAL DISEASES ST. NAUM OHRIDSKI	5,89	5,17	7,17	5,33	5,79
PHI SPECIAL HOSPITAL FOR ORTHOPEDICS AND TRAUMATOLOGY ST. ERAZMO OHRID	30,82	13,51	13,72	14,14	18,73
PHI INSTITUTE FOR LUNG DISEASES IN CHILDREN KOZLE	7,47	7,54	7,13	6,83	7,25
NEPHROLOGY INSTITUTE STRUGA	6,6	5,69	4,97	5,26	5,73
INSTITUTE FOR RADIO THERAPY AND ONCOLOGY	13,86	17,85	14,46	14,4	14,95
PHI SPECIAL HOSPITAL FOR LUNG DISEASES AND TUBERCULOSIS JASENOVO	12,4	11,8	11,51	11,47	11,79
PHI SPECIAL HOSPITAL LESOK	14,35	14,52	12,28	11,59	13,1
INSTITUTE FOR PREVENTION, TREATMENT AND REHABILITATION OF CARDIOLOGY DISEASES OHRID	7,67	2,69	2,24	10,37	6,02
Total Special Hospitals	9,53	7,19	7,46	7,55	7,94
Total :	6,72	6,13	5,94	6,17	6,25

Note:

The average number of days of stay includes the days:

- shown by certain hospitals when the insured person has not been hospitalized but is on a waiting list
- or is not hospitalized at all and is recorded as hospitalized in order to realize some other right.

Overview by main diagnostic category (MDC)

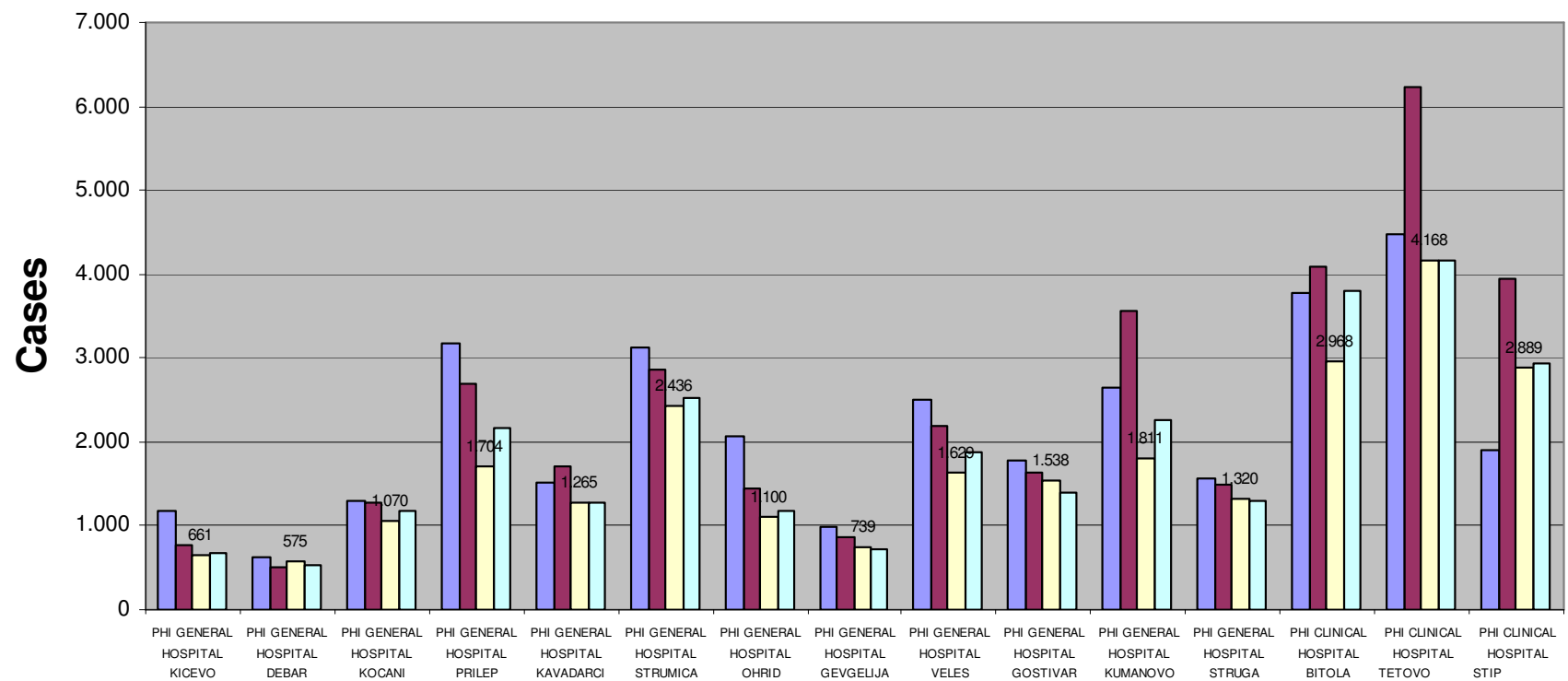
Main diagnostic category (MDC)	1	2	3	4	Total	1	2	3	4
	trimester	trimester	trimester	trimester		trimester	trimester	trimester	trimester
	Number of cases					% number of cases			
MDC - 01 DISEASES AND DISORDERS OF THE NERVOUS SYSTEM	2.760	3.103	2.419	2.709	10.991	25,11	28,23	22,01	24,65
MDC - 02 DISEASES AND DISORDERS OF THE EYE	1.402	1.680	971	1.691	5.744	24,41	29,25	16,9	29,44
MDC - 03 DISEASES AND DISORDERS OF EAR, NOSE AND THROAT	3.580	3.543	2.467	3.215	12.805	27,96	27,67	19,27	25,11
MDC - 04 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM	8.205	6.232	3.996	6.508	24.941	32,9	24,99	16,02	26,09
MDC - 05 DISEASES AND DISORDERS OF THE CIRCULATORY SYSTEM	5.210	5.466	3.732	5.057	19.465	26,77	28,08	19,17	25,98
MDC - 06 DISEASES AND DISORDERS OF THE DIGESTIVE SYSTEM	6.071	6.005	5.563	5.458	23.097	26,28	26	24,09	23,63
MDC - 07 DISEASES AND DISORDERS OF THE HEPATOBILLIARY SYSTEM AND PANCREAS	1.977	2.545	1.239	1.906	7.667	25,79	33,19	16,16	24,86
MDC - 08 DISEASES AND DISORDERS OF THE MUSCULOSKELETAL AND CONNECTING SYSTEM	2.999	3.552	2.421	2.835	11.807	25,4	30,08	20,5	24,01
MDC - 09 DISEASES AND DISORDERS OF THE SKIN, SUBCUTANEOUS TISSUE AND BREAST	1.731	2.023	1.731	2.042	7.527	23	26,88	23	27,13
MDC - 10 DISEASES AND DISORDERS OF THE INTERNAL GLANDS, NUTRITION AND METABOLISM	893	837	631	736	3.097	28,83	27,03	20,37	23,76
MDC - 11 DISEASES AND DISORDERS OF KIDNEY AND URINARY SYSTEM	1.947	4.943	1.664	1.807	10.361	18,79	47,71	16,06	17,44
MDC - 12 DISEASES AND DISORDERS OF THE MALE REPRODUCTIVE SYSTEM	1.050	985	607	691	3.333	31,5	29,55	18,21	20,73
MDC - 13 DISEASES AND DISORDERS OF THE FEMALE REPRODUCTIVE SYSTEM	2.217	2.628	1.652	2.534	9.031	24,55	29,1	18,29	28,06
MDC - 14 PREGNANCY, CHILDBIRTH AND PUERPERIUM	6.484	7.242	8.074	7.178	28.978	22,38	24,99	27,86	24,77
MDC - 15 NEWBORNS	4.643	5.453	6.083	5.473	21.652	21,44	25,18	28,09	25,28
MDC - 16 DISEASES AND DISORDERS OF THE BLOOD, BLOOD FORMING ORGANS AND IMMUNOLOGICAL SYSTEM	739	841	484	424	2.488	29,7	33,8	19,45	17,04
MDC - 17 MIELOPROLIFERATIVE DISEASES AND UNDEFINED TUMORS	1.291	1.803	395	364	3.853	33,51	46,79	10,25	9,45
MDC - 18 INFECTIVE AND PARASITIC DISEASES	858	721	374	439	2.392	35,87	30,14	15,64	18,35
MDC - 19 MENTAL DISEASES AND DISORDERS	750	865	724	670	3.009	24,93	28,75	24,06	22,27
MDC - 20 DISEASES ASSOCIATED WITH ALCOHOL AND DRUGS	182	165	78	96	521	34,93	31,67	14,97	18,43
MDC - 21 INJURIES, POISONING AND TOXIC ACTIVITY OF MEDICATIONS	473	829	624	507	2.433	19,44	34,07	25,65	20,84
MDC - 22 BURNS	69	51	47	48	215	32,09	23,72	21,86	22,33
MDC - 23 OTHER FACTORS THAT INFLUENCE THE HEALTH	777	498	120	188	1.583	49,08	31,46	7,58	11,88
(A) PRE-MDC (0) Error code	204	144	74	102	524	124,56	90,06	43,86	60,23
Total	56.512	62.154	46.170	52.678	217.514	25,98	28,57	21,23	24,22

4 . ANNEX

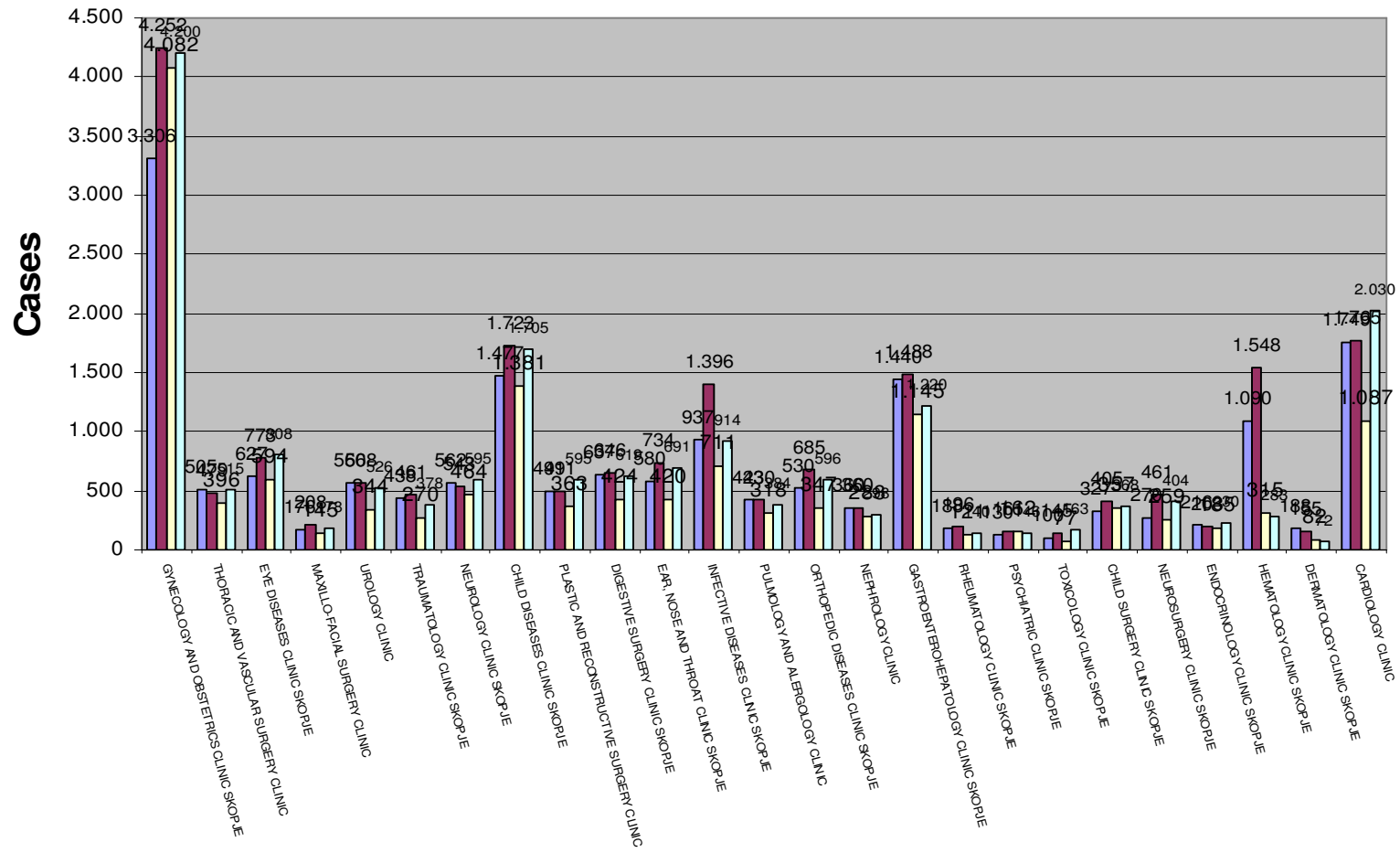
- Graphic image of cases in general hospitals by trimesters
- Graphic image of cases in clinics by trimesters
- Graphic image of cases in special hospitals by trimesters
- Graphic image of main diagnostic categories by semesters

Overview of cases by trimesters for general hospitals for the period 01.01.2009-31.12.2009

- 1 trimester
- 2 trimester
- 3 trimester
- 4 trimester



Overview by cases by trimesters for the clinics in the period 01.01.2009-31.12.2009



Overview by cases by semesters for the special hospitals in the period 1.01.2009-31.12.2009

■ 1 semester
■ 2 semester

