



Safe Community of
the District 14

In the Name of God the Compassionate the Merciful

Safe Community of the District 14

Safe Community Steering Committee of District 14
Final Report
April 2011



عکس :
مهندی طاهری

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Introduction

Safe Community of District 14 started its work as of Oct. 2009. The Safe Community of District 14 has been tasked with preventing incidents, accidents and events of the district as well as turning such incidents into the safest community.

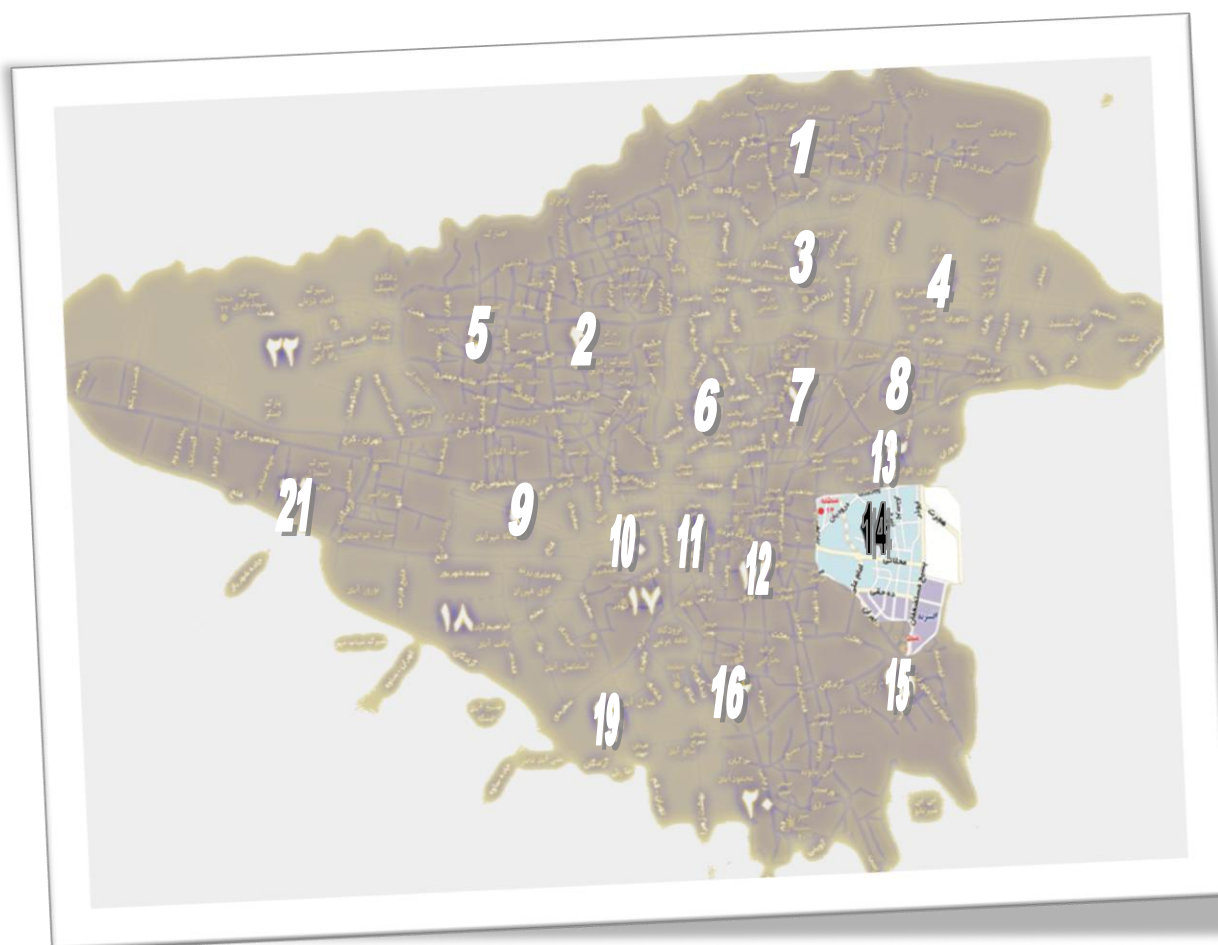
Coordinates of District 14 as One of 22-Category Macro Districts of Metropolis Tehran

Geographical Situation:

The District 14, which is located as southeast part of Tehran, is bounded on the north to Pirouzi Street, on the south to Khavaran Street and on the east to Basij Freeway and on the west to Shahrivar 17th Street.

The district neighbors with District 13 from north, neighbors with District 15 from south and east and also neighbors with District 12 from west.

The thoroughfares network of the District 14 enjoys two different textures in east and west. East region enjoys new and disciplined texture which its thoroughfares network is a combination of urban checkered and loops while its west part is comprised of an undisciplined, organic and inappropriate texture with mounted traffic.



Demography and Indicators of Human and Social Development

At this district, share of public services professions (social and personal) stands at 44.42 percent, industrial professions at 25.67 percent and retail and wholesale professions (Hotel – Restaurant) at 23.16 percent.

Therefore, this sector of economic activities has allocated more than 93 percent of professions of the District 14. Of total professions of base activities of the district, 41.9 percent employees had been busy active in industry. Also, employees of public services (social and personal) have included 54.4 percent of basic activities. Therefore, only, 3.7 percent of employees of basic activities have embedded in other groups of economic activities.

The coefficient of of city economic base at the District 14 amounts to 1.99 at large.

Land Area of District: 23.64 square kilometers,

Total Population of District: 483,432 people,

No. of Men: 249,883

No. of Women: 233,549

Percentage of Literacy: 87%

Infrastructures and Physical Development of District 14

No.	Type of Infrastructure	QTY
1	Sports – Cultural Complexes	18
2	Cultural Centers	8
3	Mosques	75
4	Hosseiniya (Open-Air Area for Holding Religious Ceremonies) and Religious Centers	65
5	Schools	157
6	Libraries	25
7	Centers of Locality	9
8	Healthcare and Treatment Centers	35
9	Parklands	55
10	Health House	18
11	Toy House	12
12	Entrepreneurship House	8

Indicator 1:

An Infrastructure Based on Partnership and Collaborations, Governed by a Cross-Sectional Group That Is Responsible for Safety Promotion in Their Community

Measures Taken by Secretariat:

- Holding First Session of Steering Committee of Safety Community In Presence of More Than 70 Individuals of State-Run & Nongovernmental Organizations (NGOs) and a Number of Expert Officials of the District



- Inauguration of Secretariat of Safe Community Steering Committee



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***Working Group of Training and Empowering Citizens of District
against Natural Incidents and Disasters***

- Advisor of District 14 in Safe Community Plan: Eng. Darabi
- Head of Public Relations Department of District 14: Mr. Mo'meni
- Official in Charge of Emergency Department of District 14: Mr. Abbaszadeh
- Mayors of Six-Category Districts: Messrs Kowsari, Mo'ayedifar, Ettehad, Khasteh, Babaei and Kiyanfar
- Official in Charge of Red Crescent Society of District 14: Mr. Mohsen Mo'menzadeh
- Official in Charge of Health Department of District: Mr. Fazeli
- Official in charge of Coordination and Supervision Department of Crisis Headquarters: Eng. Ghiasi
- Official in Charge of Training and Social contribution Department of District 14: Mr. Rahmani
- Official in Charge of Fire Station of District: Mr. Baghalan

Working Group of Home and Residential Environments

- Advisor of Fire Station of District 14: Mr. Baghalan

Official in Charge of Emergency Department of District 14: Mr. Abbaszadeh

- Head of Gas Company of District 14: Mr. Sepehri
- Official in Charge of Coordinating and Supervising Department of Crisis Headquarters of District: Mr. Ghiasi,
- Head of Regional Power Company of Afsariyeh: Mr. Yazdani
- Plenipotentiary Representative of Architectural and Urban Planning Deputy Office of District 14: Mr. Farhadi
- Secretary of Assistants Councils Secretaries of District 14: Mr. Sheikh Sofla,
- Representative of One or a Number of Active NGOs: Ms. Shaditalab
- Head of East Tehran Health Center: Dr. Nasernia (Representative and Deputy)
- Official in Charge of Women's Affairs of District: Ms. Ahmadikhah
- Head of Water and Sewage Company (No. of Soleymaniyah): Mr. Nejati

Working Group of School and Training Environments

- Plenipotentiary Representative of Education Department of District: Mr. Yar-Mohammadi
- Official in Charge of Coordinating and Supervising Department of Crisis Headquarters of District 14: Mr. Ghiasi
- Deputy Social and Cultural Affairs of District 14: Mr. Sedighifar,
- Representative of Managers of Schools across District 14: Mr. Yar-Mohammadi
- Secretary of Secretaries of Assistants' Council of District 14: Mr. Sheikh Sofla
- Plenipotentiary Representative of Renovation Organization of District 14: Mr. Yar-Mohammadi
- Head of East Tehran Health Center: Dr. Nasernia (Representative and Deputy)
- Representative of Scholastic Association Union: Mr. Imani

Working Group of Sports Environments, Leisure Times and Social Injuries (Incidents and Accidents of Social Injuries)

- Head of Green Area Department of District 14: Mr. Abedi
- Head of Ayatollah Saeidi Sports Complex: Mr. Ghiasi

- Official in charge of Physical Education Department of District 14 Municipality of Tehran: Mr. Monazzami,
- Head of 6th Police station Department (FATEB): Mr. Amani (Representative)
- Plenipotentiary Representative of Fire Station of District 14: Mr. Baghalan,
- Head of East Tehran Health Center: Dr. Nasernia (Representative and Deputy),
- Social and Cultural Affairs Deputy of District 14: Mr. Sedighifar
- Representative or one or a number of Active NGOs: Mr. Saeid Kashi (Rebirth),
- Official in Charge of Manteq (Logic) Injuries Department: Mr. Jahan-Tigh
- Official in Charge of Emergency Department of District 14: Mr. Abbaszadeh
- Mayors of Six-Category Districts: Messrs Kowsari, Moayedifar, Ettehad, Khasteh, Babaei and Kiyanfar
- Official in Charge of Red Crescent Society of District 14: Mr. Mo'menzadeh
- Representative of Shahr-e Salem (Healthy City) Company: Dr. Azarabad

Working Group of Urban Traffic and Thoroughfares

- Head of Traffic Department of District 14: Mr. Alizadeh
- Traffic and Transport Deputy: Mr. Honarvar
- Official in charge of Emergency Department of District 14: Mr. Abbaszadeh
- Technical and Development Deputy of District 14: Mr. Talebzadeh
- Mayors of Six-Category Districts: Messrs Kowsari, Moayedifar, Ettehad, Khasteh, Babaei and Kiyanfar
- Official in Charge of Red Crescent Society of District 14: Mr. Mohsen Mo'menzadeh
- Official in Charge of Fire Station of District 14: Mr. Baghalan
- Plenipotentiary Representative of Health Deputy of Shahid Beheshti University: Mr. Heidari
- Secretary of Secretaries of Assistants' Council of District 14: Mr. Sheikh Sofla

Holding Consecutive Sessions of Safe Community Steering Committee

<i>Working Groups Title</i>	<i>Organizing Date of Working Groups' Session</i>
Traffic Working Group	20.2.87
Working Group of Schools and Training Environments	25.3.87
Working Group of Training and Empowering Citizens against Natural Incidents and Disasters	20.4.87
Working Group of Home and Residential Environments	27.5.87
Working Group of Sports Environments, Leisure Times and Social Injuries	10.6.87
Working Group of Traffic	20.9.87
Working Group of home and Residential Environments	25.12.87
Working Group of Sports Environments, Leisure Times and Social Injuries	10.3.88
Working Group of Training and Empowering Citizens against Natural Incidents and Disasters	5.6.88
Working Group of Schools and Training Environments	1.9.88
Working Group of Traffic	1.2.89
Working Group of Home and Residential Environments	12.5.89
Working Group of Training and Empowering Citizens against Natural Incidents and Disasters	2.9.89
Working Group of Traffic	4.12.89

Objectives of Safe Community of District 14:

- Determination of the most important safety problems of District 14,
- Determination of working groups required for covering safety problems of District 14,
- Establishing relations with other safe communities

Based on the studies made in this regard and according to the view of expert individuals, Safe Steering Committee of District 14 has specified the following priorities with various methods:

- Traffic and safety accidents of pedestrians,
- Incidents at homes and recreational places,
- Intentional incidents especially violence,
- Incidents at schools,

Indicator 2:

Long-Term, Sustainable Programs Covering Both Genders and All Ages, Environments and situations:

Safety Programs in Various Age Groups:

Age Group (From 0 to 14)

Program for holding co-police groups for cooperating with police forces with the aim of supervising transit of schoolchildren en route of school – home,

- Organizing competitions on poetry, painting and essay writing with the subject entitled “Preventing Incidents” and awarding valuable prizes to top works,
- Providing training CDs with regard to traffic rules and regulations and distributing it among schools,
- Training instructors and teachers of kindergartens with regard to promoting safety,
- Organizing festivities, and ceremonies with prioritizing safety promotion,
- Organizing ceremonies on World Child Day,



Age Group (From 15 to 24)

- Training first aids by Red Crescent Society to youth,
- Execution of earthquake maneuvers at schools,
- Training programs of preventing incidents en route of schools,
- Consultation training services with regard to preventing violence and suicide among youth,
- Performing earthquake maneuver operations,
- Organizing like skills courses,
- Organizing fire extinguishing training sessions,
- Execution of occupational health safety programs for departments,



Age Group (From 25 to 64)

- Holding Davam Group (Volunteer of Emergency Reaction of Locality),
- Training Davam groups,
- Training rescue and relief service,
- Training control and extinguishing of fire,
- Organizing volunteer firefighters group,
- Using helmet (hardhat) for motorcyclists,
- Training search and rescue operation



Age Group (+ 65 years old)

- Organizing ceremony on World Elderly Day as well as presenting necessary training services to them,
- Organizing of training courses on nutrition (special of the elderly),
- Designing appropriate thoroughfares for safety, welfare and transit of the elderly,
- Provision of appropriate space and appliances in recreational places (special of the elderly),
- Training family of the elderly with to safety issues of the elderly,



safe

regard

Safety Program at School Environment:

- Organizing competitions, essay writing, theater at schools with subject entitled “Safety and Health”,
- Training traffic problems at schools,
- Organizing earthquake maneuvers at schools,
- Organizing food festival with subject entitled “Healthy Nutrition at Schools and Toy Houses”,
- Audiometry and optometry at primary school level and driving level,
- Organizing of training workshop of individual health (special of



- schoolchildren),
- Presenting free medical services, special of schools (injection of hepatitis B vaccine),
- Installing shock absorber at sports saloons,
- Establishment of emergency ward at sports saloons,
- Installing first aid kit at sports building,
- Installing fence at lobbies, staircases and windows,
- Immunizing drinking water places at yard of schools,

Safety Program at Streets and Thoroughfares:

- Identification of accident-prone and most dangerous areas as well as performing geometrical reformatations,
- Installing of alarming signs, notice signs, lining and traffic lights,
- Reduction of injuries and severity of accidents with installing guardrails and speed gears,
- Reorganizing and preparing for rain and snowfall,

Safety Programs at Pavements:

- Omitting redundant and surplus materials from pavements of the District 14 with the aim of improving transit of pedestrians and individuals suffering from movement disabilities,
- Improvement of situation of pavements for being used by individuals suffering from eye problems,
- Reconstruction and renovation of pavements and sidewalks,
- Construction of bridges and also isolator of main streets and thoroughfares,
- Construction of ramps at public centers for reduction of injuries special of people suffering from movement disabilities,

Promotion of Safety at Homes:

- Organizing tutorial workshops special of citizens against dangers of electrocution and unsafe electrical appliances,
- Organizing tutorial workshops with regard to the safety of citizens against household chemical poisoning,
- Offering direct training services to citizens for promotion of safety at homes,
- Publishing and distributing of training brochures,
- Organizing fire extinguishing and safety training courses at homes by expert officials of fire Station Organization,

Safety Program for Working Environments:

- Visiting industrial workshops and centers for promoting safety,
- Distribution of training brochures among workshops,
- Visiting firefighting experts from industrial and workshop centers as well as offering face-to-face safety training services,

Safety Program at Sports Centers:

- Immunizing all sports fields with planting natural and artificial lawn, installing first aid kit at all sports halls, training lifeboat rescue group consecutively, establishment of emergency and medical team at the venue of organizing competitions,
- Immunizing all parklands and recreational centers, provision of lighting system, immunizing place of playing of children, establishment of emergency and firefighting team at rush hours, visiting parklands and rose garden daily and nightly,
- Organizing of training courses special of guild unions, visiting production and industrial workshops and centers, organizing of training workshops for employers and laborers, obligating and forcing employers to install first-aid kits and fire-extinguishing cylinder at workplaces,

Working Group of Traffic Safety and Pedestrians:

Main Objective: Reduction of Degree of Traffic Accidents

Specific Objectives:

- Reduction of outbreak of injuries of pedestrians as a result of accidents,
- Reduction of outbreak of injuries as a result of motorcycle-related accidents,
- Reduction of outbreak of injuries as a result of car-related accidents,

Strategies:

- Training
- Making Sensitivity and boosting sensitivity
- Identification of accident-prone area of District 14,
- Determination of priorities for promoting safety of thoroughfares,

Operational Objectives:

- Raising public awareness on safe driving,

- Improving 45% of accident-prone areas of the District that have been identified previously.
- Using a chair (special of child) more than 60% at the District 14,
- Reduction of number of accidents at the District,
- **Activities:**

Determination of Traffic Problems of District 14:

According to the view of experts and specialists, traffic problems and most dangerous areas, resulted in occurrence of many accidents, have been categorized as follows:

- 1- Inappropriate designing which will cause serious problem of view field of pedestrians.
- 2- Lack of existence of enough attention of mechanized footbridge,
- 3- Inexistence of ramp special of passage of the disabled and handicapped sufficiently,
- 4- Inexistence of transit network special on Dah-Haghi street and Mahallati highway,
- 5- Lack of existence of speed gear on streets sufficiently,
- 6- Inexistence of enough space for construction of pavement for pedestrians. Under such circumstances, pedestrians use street level for passing instead of walking at the pavement.

Activities carried out at the District with Relation to Safety Promotion of Pedestrians and Vehicles:

- Installing speed gears,
- Lining thoroughfares,
- Installing LED light,
- Installing ramp special of disabled and handicapped,
- Geometrical improvement of steers and crosses,
- Lining special of handicapped and the disabled,
- Installing aerial bridge for easy transit of pedestrians,
- Organizing of training courses for taxi, bus drivers and reorganizing them,
- Organizing cycling competitions with the aim of promoting safety with using helmet (hardhat),



***Social Abnormalities and Injuries
(Violence, Suicide, Falling from Height)***

Based on information obtained at the District, violence and suicide are of the most important factors at the District 14. Hereunder are regarded as the highlights of programs and activities which will be carried out in the field of social injuries at the District:

Main Objective: Preventing social injuries and abnormalities

General Objectives:

- Reduction of injuries as a result of household violence,
- Reduction of degree of outbreak of suicide,
- Reduction of degree of falling from height,

Target Population:

- Children
- Young
- Youth
- Women
- Men

Strategies:

- Training
- Consultation
- Logistics services

Operational Objectives:

- Organizing four seminars entitled “Household Violence”,
- Holding three seminars entitled “Committing Suicide”,
- Organizing three seminars entitled “Addiction”,
- Presenting 2000 hours of consultation services with regard to the preventing household violence,

- Presenting 1800 hours of consultation services at schools of the District 14,

Program for Preventing Violence:

General Objective: Reduction of injuries as a result of violence

Target population:

- Yong individuals
- Youth
- Women
- Men

Operational Objectives:

- Training
- Identification of individuals being exposed to violence,

Preventing Violence:

Based on the information which has been carried out by the organizations responsible for suicide in a year at the District is corresponding to the following table.

The Measures Carried Out for Reducing Suicide:

With identifying age groups and reasons of suicide, the following activities are underway for reducing degree of suicide:

- Organizing of training courses (special of families),
- Presenting of consultation services to the individuals exposed to danger,
- Commissioning consultation centers,
- Publishing of training pamphlets,

Preventing from Falling from Height:

With the studies made in this regard and thanks to the statistics gained in this regard, inattention and lack of awareness of safety issues at construction workshops and residential homes are regarded as main reason of falling from height:

Main Objective: Reduction of Degree of Falling from Height among Citizens of District



Strategy:

With the aim accessing objectives of Safe Community steering Committee, District 14 Municipality of Tehran has put the following strategies atop its agenda:

- Training
- Boosting sensitivity of people,
- Periodical visiting from unsafe buildings,

Activities:

In line with predefined objectives, the following activities have been carried out by Safe Community Steering Committee:

- Visiting, studying and recommending necessary guidelines with regard to boosting safety of under-construction buildings,
- Dispatching technical and engineering committee of Safe Community Policy-Setting Council to the venue of incidents as well as provision of necessary reports,
- Installing information dissemination tableaus with the concepts of “First Safety and Then Working at Construction Field Should Be Taken into Consideration”.
- Provision and distribution of training brochures,
- Organizing of training courses for citizens with the cooperation of Firefighting Organization

Safety Program of Safety Working Group at Schools:

Main Objective:

Reduction of Degree of Incidents at Schools of District 14

Target Population:

- Schoolchildren
- Teachers,
- Employees,

- School Staff and Personnel
- Parents of Schoolchildren

Operational Objectives:

- Reduction of accidents and incidents as much as 40% at schools,
- Commissioning and implementing registering and recording system of injuries at schools,
- Annual safety visit at schools,
- Immunizing playing ground and yard of schools of the district,
- Training education department staff and personnel with regard to boosting safety of schoolchildren at schools,
- Immunizing staircases of schools,



Strategies:

Various strategies have been proposed with the aim of accessing objectives of Working Group and in this line, the following measures have been carried out.

- Training
- Boosting sensitivity
- Taking effective steps for immunizing school based on results of carried out visits,

Activities:

The following activities have been carried out by the Working Group:

- Organizing Safety Working Group sessions at schools,
- Organizing essay writing competitions with the subject entitled “Safety and Health”,
- Taking opinion poll from schoolchildren with regard to the accident-prone areas,
- Visiting members of Safety Working Group from two schools as pilot,
- Provision of safety checklist at schools by expert individuals,
- Immunizing schoolyard with collecting redundant and surplus objectives and appliances,
- Participating schoolchildren at Safe Driving – Safe Society Day

Program of Prevention of Falling among the Elderly:

Main Objective:

Reducing incidents and accidents as a result of falling among the elderly,

Objectives:

- Improvement of physical and mental situation of the elderly,
- Reduction of hospitalization of the elderly at hospitals due to falling from height,

Target Population:

- Age groups above 65 years old,

Strategies:

- Training
- Logistics and establishing facilities,
- Audiometry and optometry tests,

**Operational Objectives:**

- Training the elderly in the field of control of weight and methods of preventing osteoporosis,
- Conducting free blood pressure and diabetes tests,
- Organizing special classrooms for introducing signs and symptoms behind outbreak of audiometry and optometry problems,
- Setting up safe and appropriate centers for exercising the elderly,
- Organizing a number of 40 festival on “Healthy Nutrition” at all localities

**Place of Injuries:**

Based on dispatched reports, 50.8 percent of citizens have undergone injury at their homes.

Industrial and construction places: 9.2 percent

Based on released reports, 14.2 percent of citizens of the District 14 have incurred injuries during transport affairs.

Measures carried out with regard to the reduction of injuries in terms of mechanism of injuries:**Transport:**

Identification of accident-prone points of the District by Traffic Accidents Working Group:

Determination of priorities for boosting safety of thoroughfares,

Installing traffic signs, LED light, lining thoroughfares, asphalt surfacing, installing speed gear

- Specifically, Deh-Haghi Street, which is regarded as one of the most accident-prone thoroughfares of the district, was upgraded geometrically 100%, based on which, its traffic accident was reduced tremendously.
- Organizing of training courses for taxi and bus drivers and reorganizing them,
- Installing aerial bridge (footbridge) for pedestrians,
- Lining special of handicapped and the disabled
- Installing ramp special of passing the disabled and handicapped

Indicator 3:

Program that Target high Risk Groups and Environment and Programs that Promote Safety in Vulnerable Groups

Hereunder are of the programs that include exposed-to-danger groups:

- Boosting safety at exceptional schools,
- Supporting breadwinner women (training, employing and empowering),
- Boosting safety of transit special of the disabled and coordinating passage routes for the individuals who are suffering from eye problems.
- Preparing the centers for easy transit of individuals who are suffering physically for reduction of injuries at streets and thoroughfares,
- Leveling transit routes for boosting safety coefficient for individuals suffering from physical disability,
- Organizing of training programs for reduction of most dangerous behaviors for youth strata of society,
- Holding consultation services for women (social abnormalities and injuries)

Indicator 4:

Program that documents the Frequency and Causes of Injury

- *Registering information is based on data obtained from fire Station, Emergency Department, Hospitals and Patrol Police. We can use the obtained information for evaluating and decision making our programs.*

Commissioning Internet Site for Registering Incidents and Accidents System:

Situation of Incidents at District Based on Report of Organizations Set Up at District:

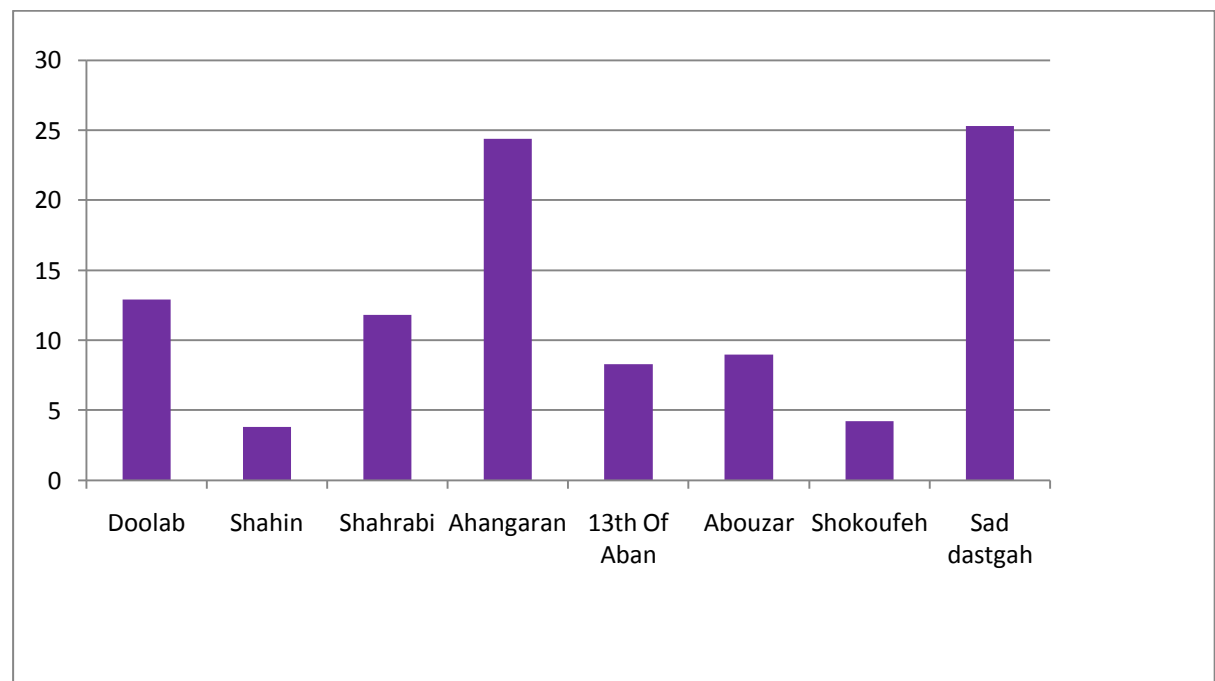
- Based on report sent from Fire Station, and Tehran East Emergency Department, hereunder are regarded as the most important incidents in terms of type of activity, mechanism of injury, and also place of getting injured:

A) Face of Injury

The degree of outbreak of incidents and injuries based on locality of outbreak of incidents at District 14

Diagram No. 1:

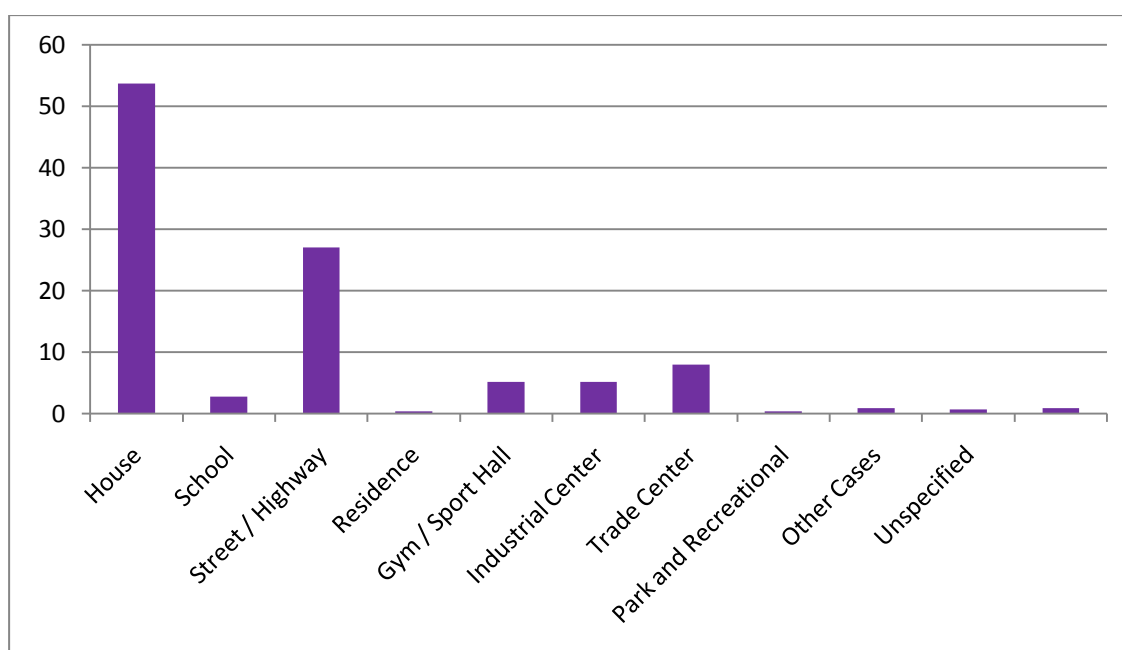
Degree of outbreak of incidents and injuries based on locality of outbreak of incidents at District 14



- Degree of Outbreak of Incidents and Injuries Based on Place of Outbreak of Accidents at District 14

Diagram No. 2:

Degree of outbreak of incidents and injuries based on locality of outbreak of incidents at District 14

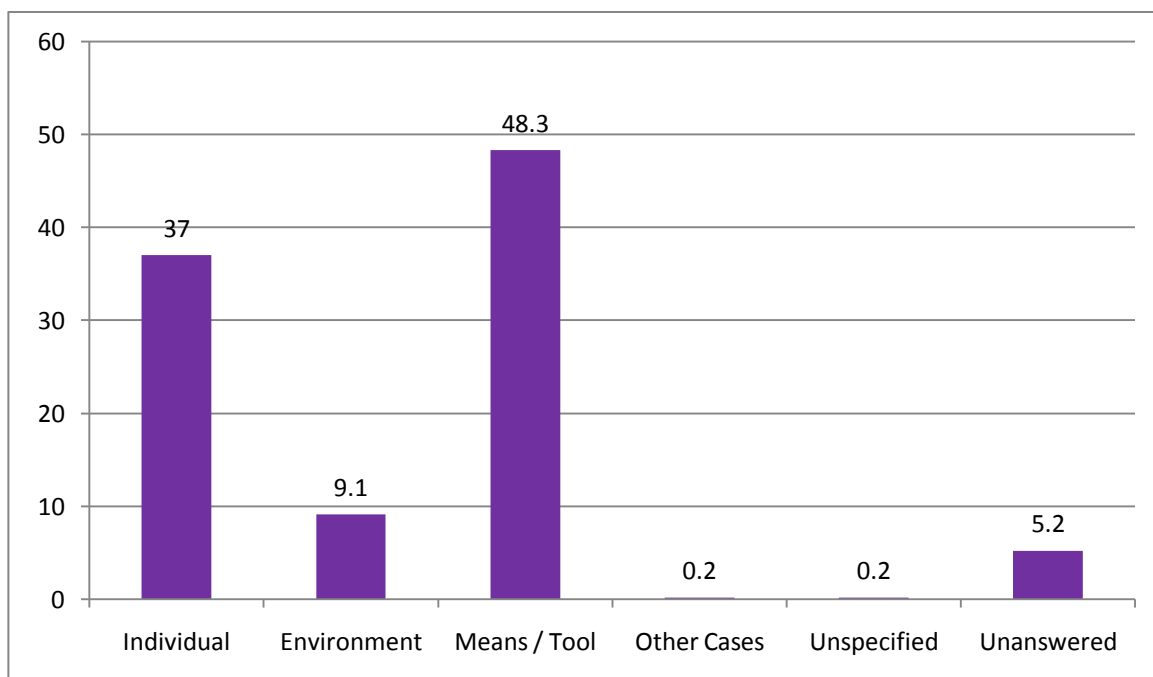


- ***Outbreak of incidents and injuries based on reason of outbreak of incidents at District 14***

-

Diagram No.3:

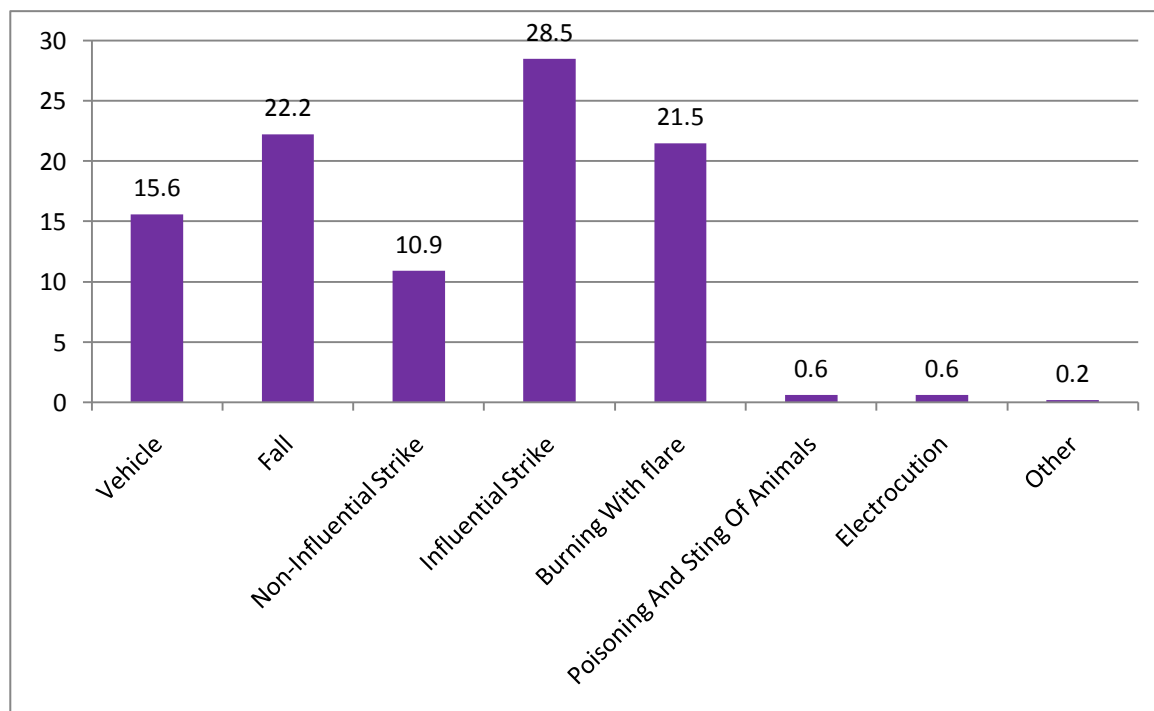
Degree of outbreak of incidents and injuries based on reason of outbreak of incidents at District



- ***Degree of Outbreak of incidents and injuries based on the way of outbreak of incidents at District 14***

Diagram No. 4:

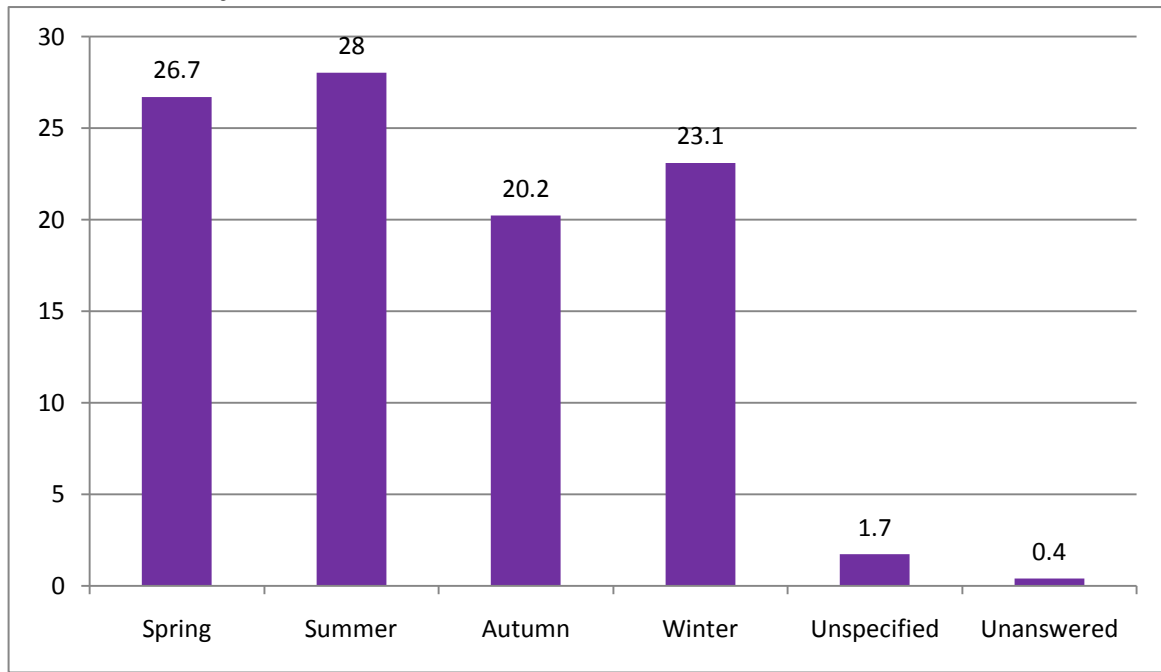
Degree of outbreak of incidents and injuries based on the way of outbreak of incidents at District 14



- *Degree of Outbreak of incidents and injuries based on time of outbreak of incidents at District 14*

Diagram No.5:

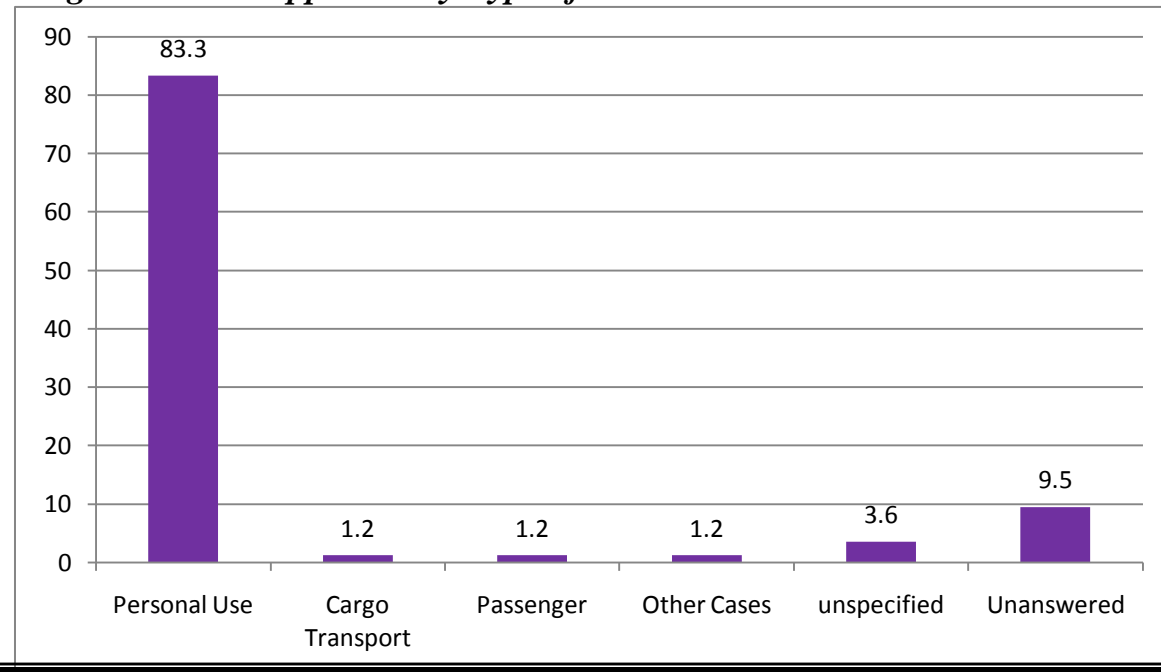
Degree of outbreak of incidents and injuries based on time of outbreak of incidents at District 14



B) Degree of Outbreak of Incidents and Injuries Based on Injury-Yielding Factor at District 14

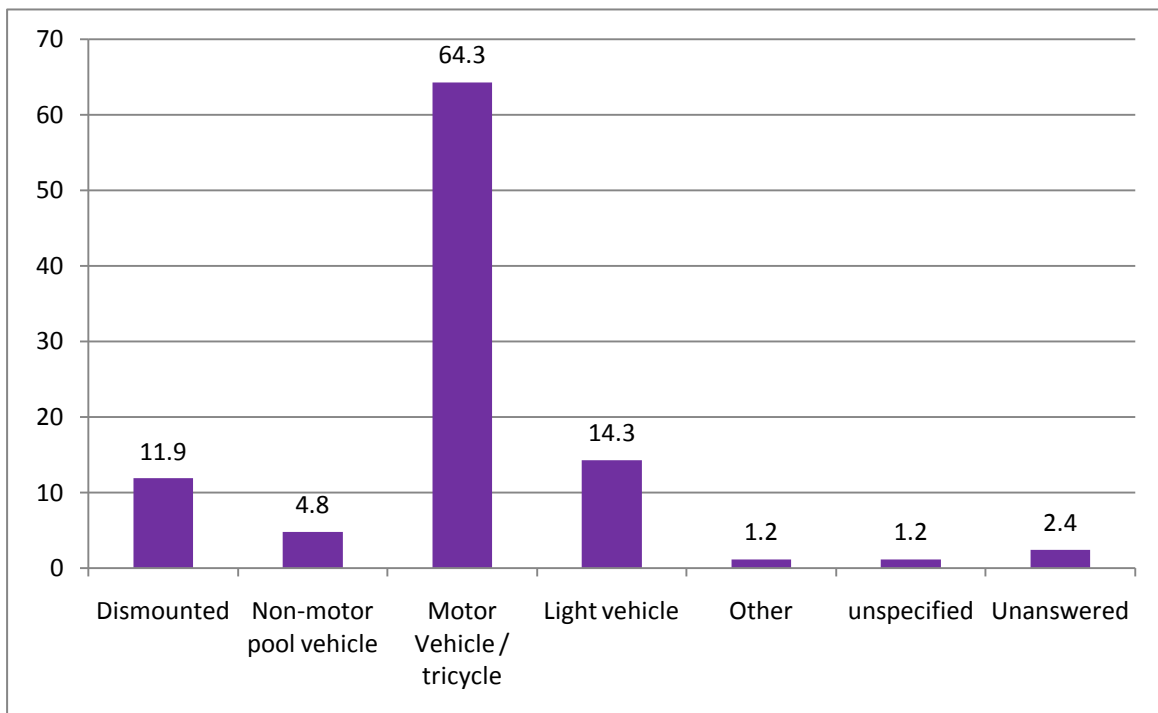
- Vehicle
 1. Traffic accident type (All accidents, happened as a result of vehicle at this district, had been of road transport type.)
 2. Applicability type of vehicle

Diagram No. 6: Applicability Type of Vehicle



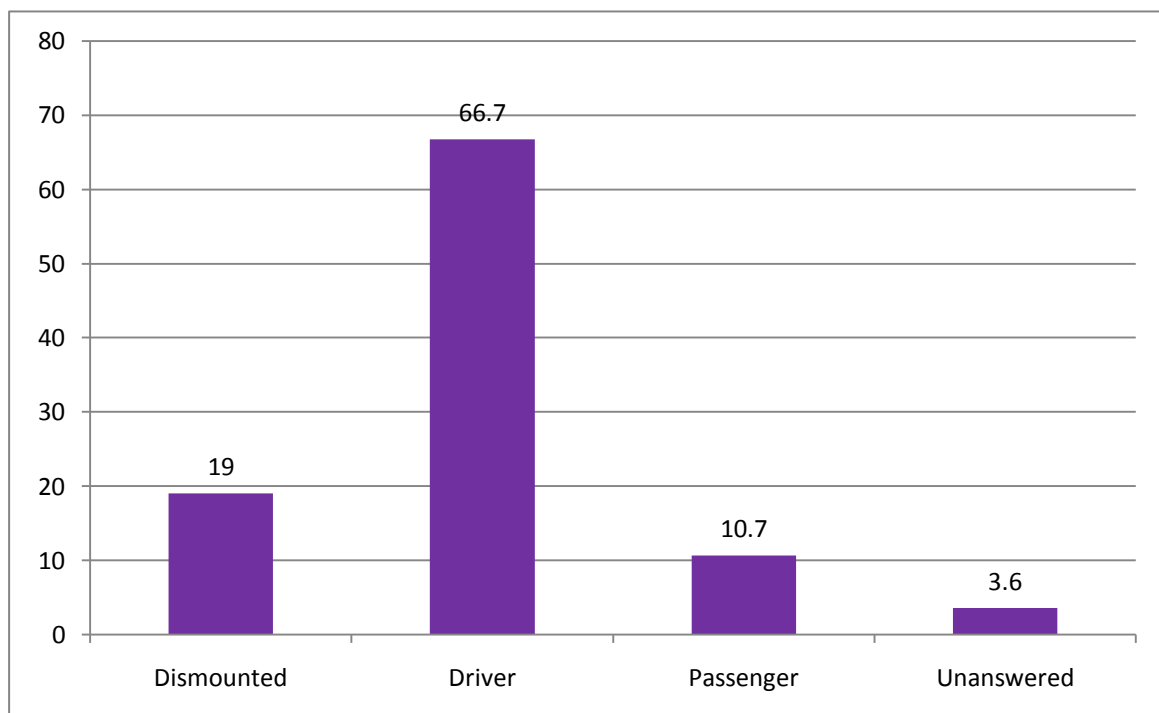
3. Type of Vehicle

Diagram No. 7: Type of Vehicle



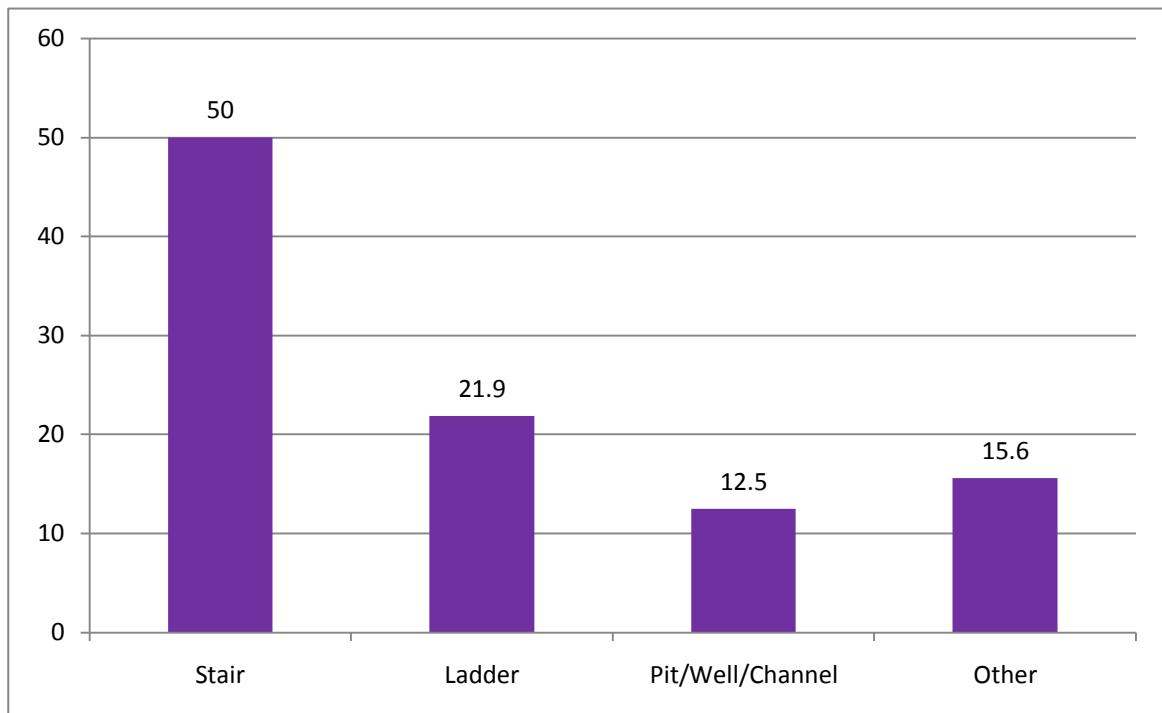
4- Situation of Injured Individual

Diagram No. 8: situation of Injured Person



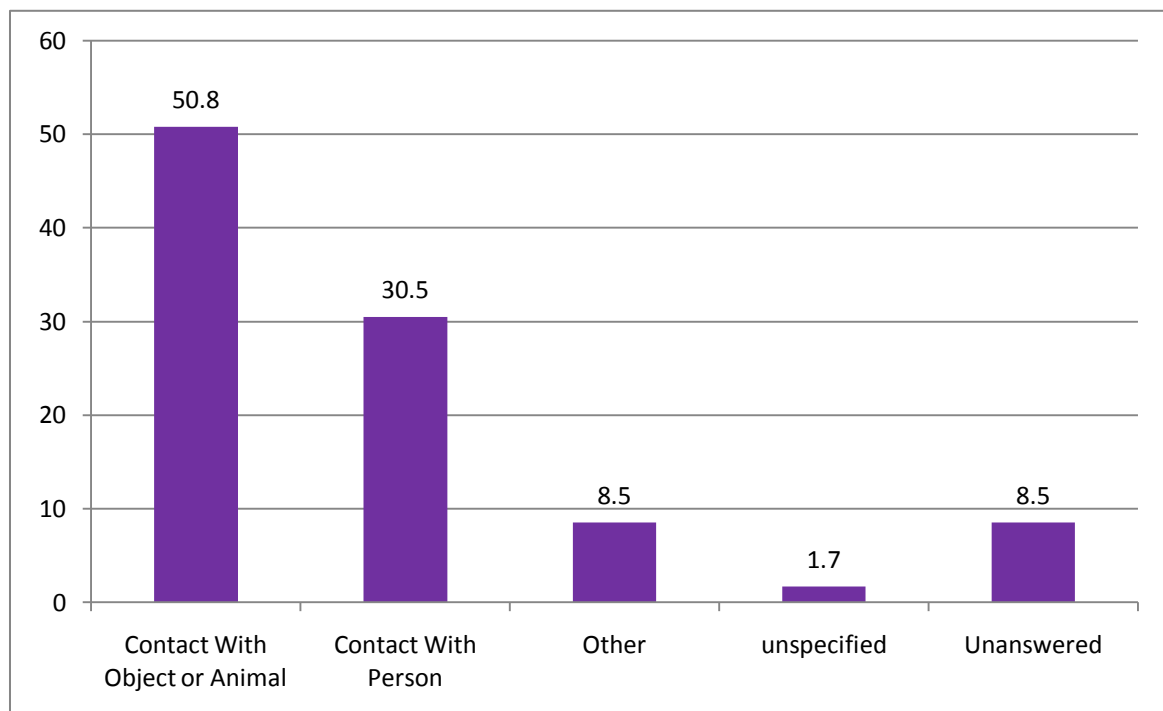
- Falling

Diagram No. 9: Falling

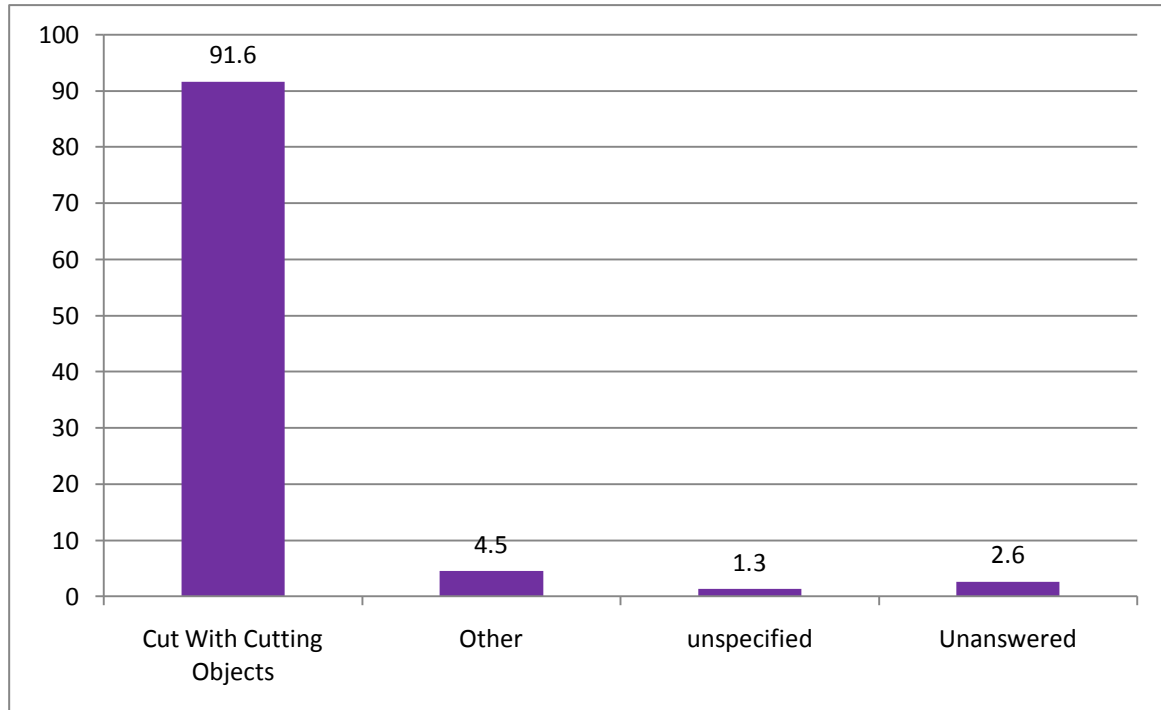


- Factor of Establishing Non-Influential Strike

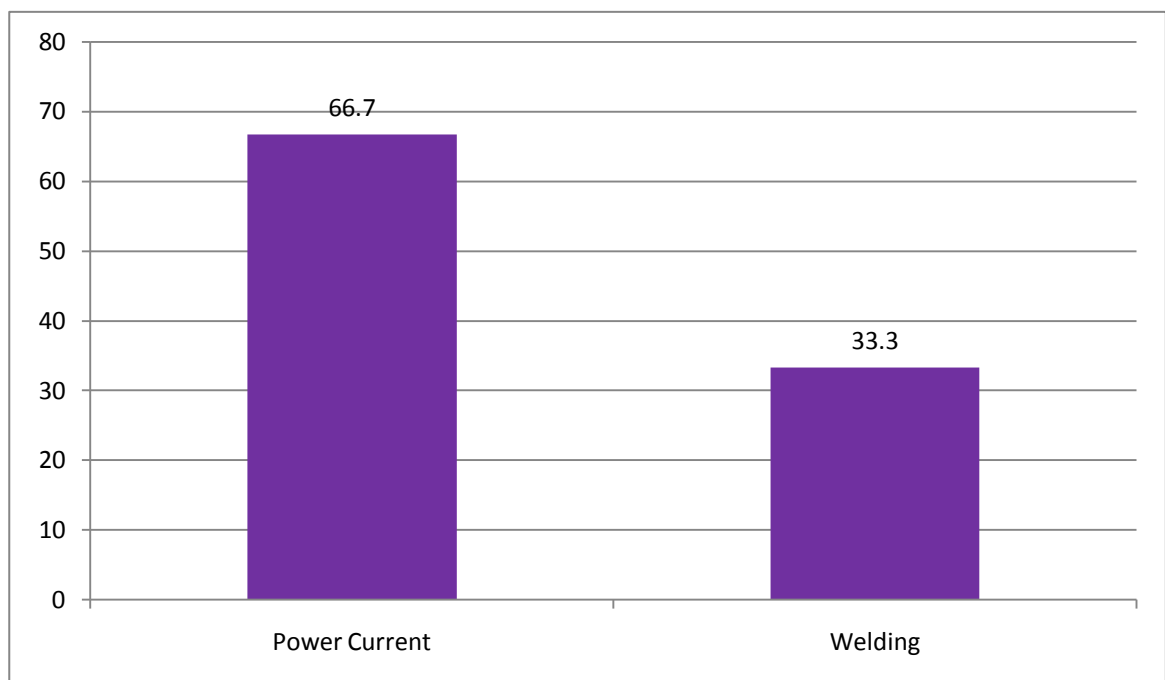
Diagram No. 10: Factor of Establishing Non-Influential Strike



- Factor of Establishing Influential Strike
Diagram No. 11: Factor of Establishing Influential Strike

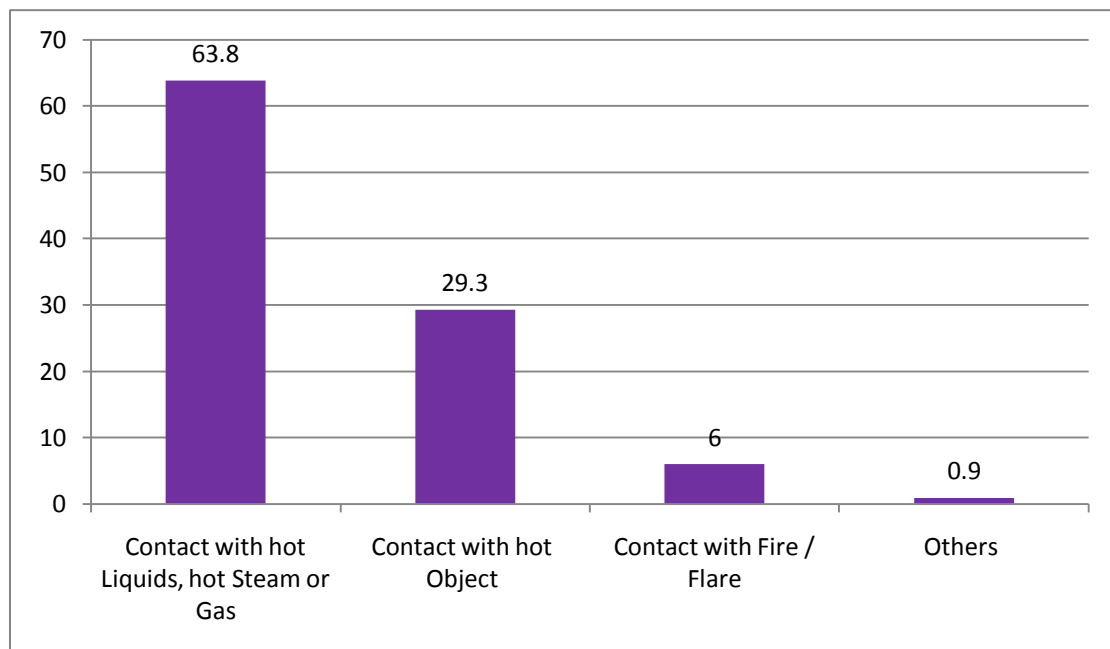


- Factor of Electrocutation / Ray
Diagram No. 12: Factor of Establishing Electrocutation / Ray



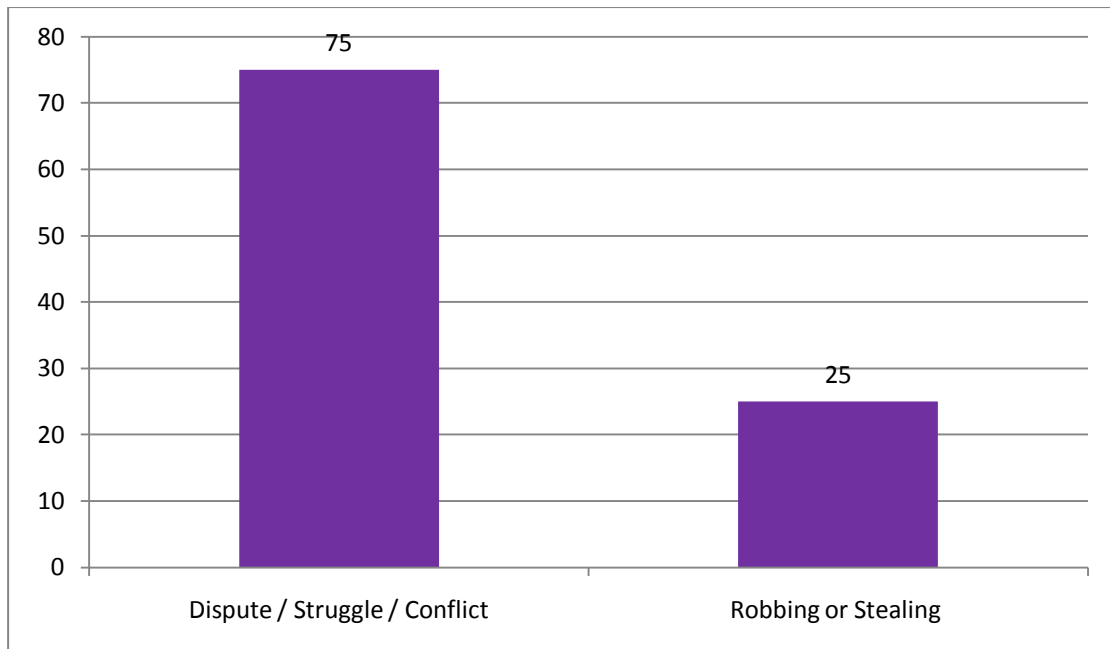
- Factors for Outbreak of Poisoning
- Factor of Outbreak of burning

Diagram no. 13: Factor of Outbreak of Burning



- Factor of incurring injury to Others

Diagram No. 14: Factor of creating injury to others

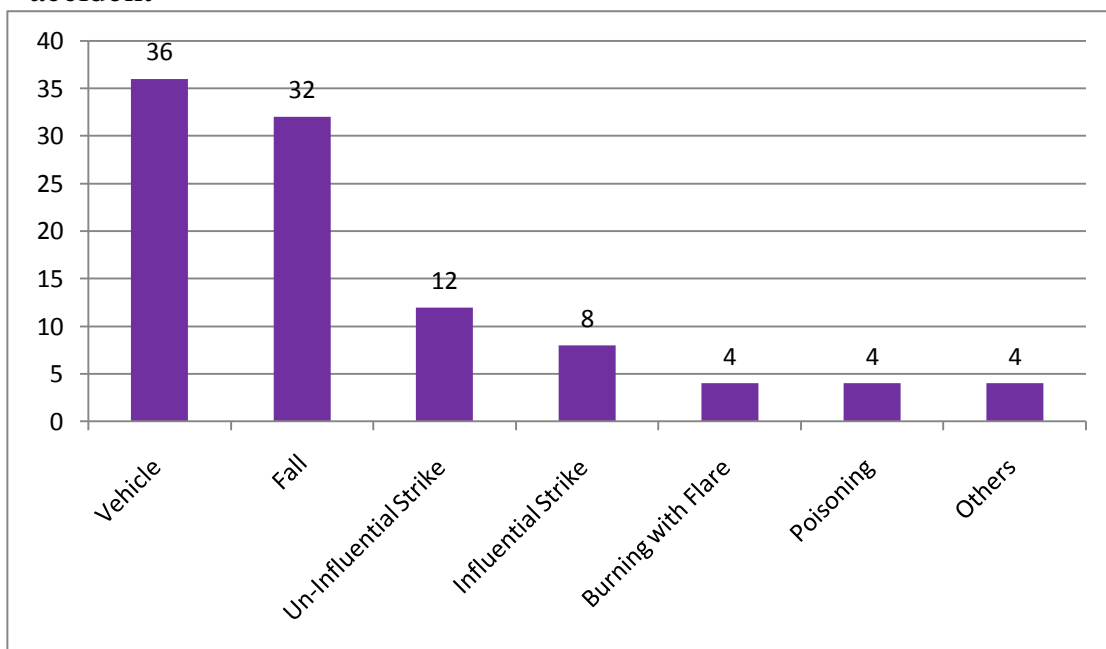


Factor of Creating Damage or Injury to Self

Effective factors behind outbreak of incidents and accidents resulted in death or hospitalization at District 14

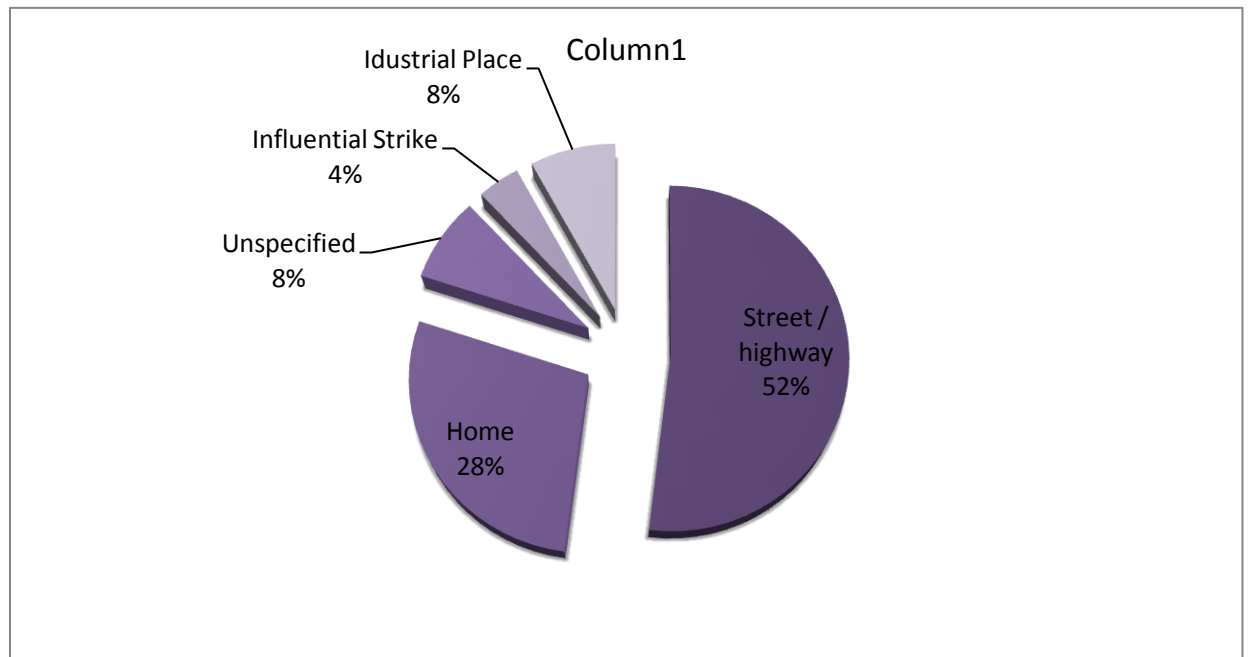
- Effective factors on outbreak of incidents and injuries resulted in death or hospitalization at District 14 according to the type of accident

Diagram No. 15: Effective factors of outbreak of injuries and accidents resulted in death or hospitalization at District 14 based on type of accident



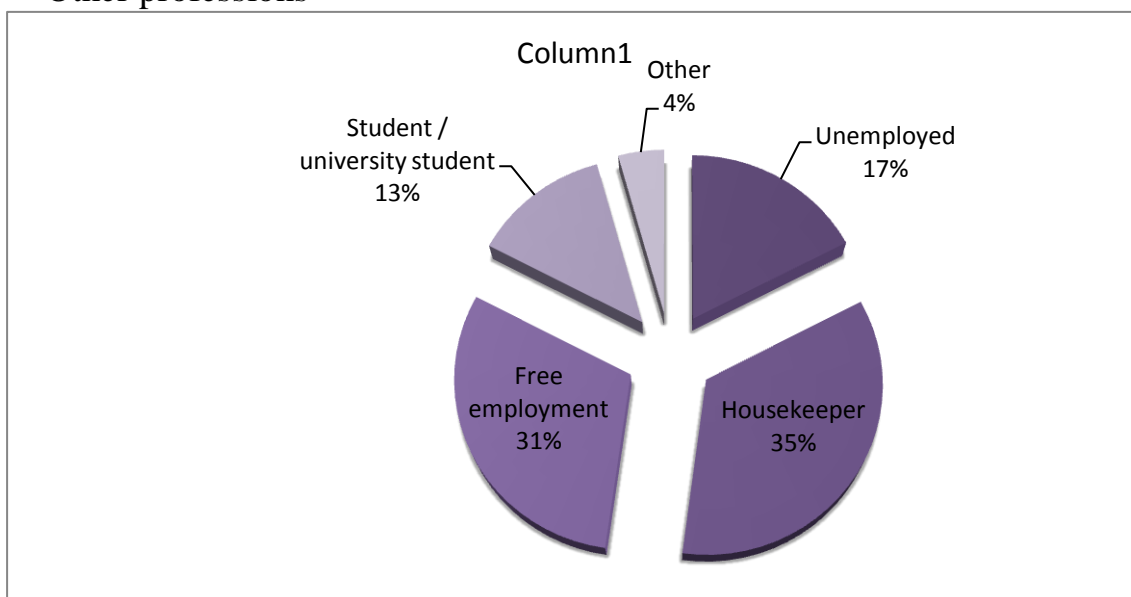
- Effective Factors on Outbreak of Accidents and Injuries Resulted in Death – hospitalization at District 14 based on place of occurrence of accident

Diagram No. 16: Effective Factors on Outbreak of Incidents and Accidents Resulted in Death – Hospitalization at District 14 based on place of outbreak of accident

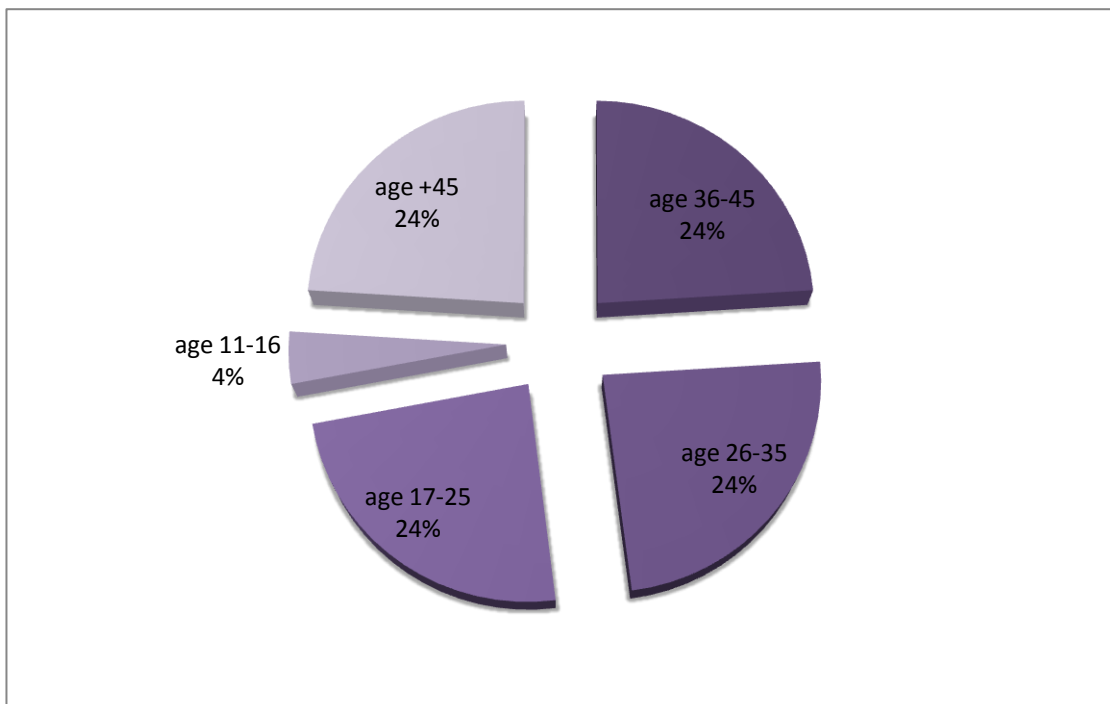


- Effective Factors on Outbreak of Accidents and Injuries Resulted in Death – hospitalization at District 14 based on profession or job of the injured one
- Diagram No. 17: Effective Factors on Outbreak of Accidents and Injuries Resulted in Death – hospitalization at District 14 based on occupation or job of the injured

Other professions



- Effective Factors on Outbreak of Accidents and Injuries Resulted in Death – hospitalization at District 14 based on age of the injured person
- Diagram No. 18: Effective Factors on Outbreak of Accidents and Injuries Resulted in Death – hospitalization at District 14 based on age of the injured

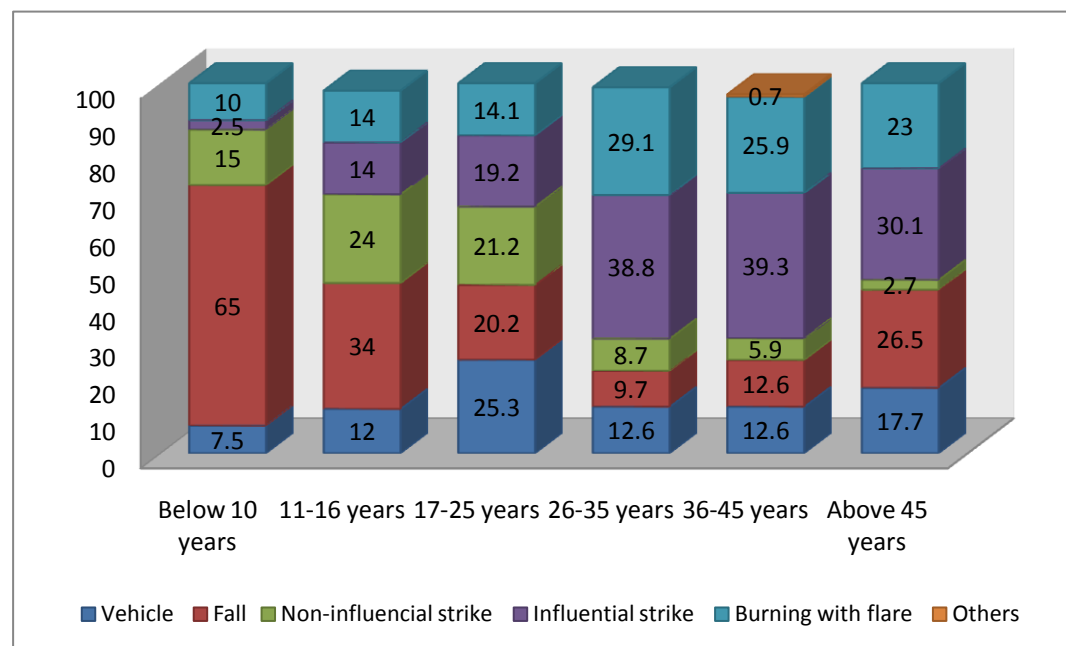


Bi-Variable Analyses

Degree of Outbreak of Incidents and Injuries Based on age of the Injured Person

Chi-Square coefficient shows that there is a meaningful relation between age of individuals and type and degree of accidents happened for them. As it is observed at the diagram, the individuals, below 25 years old, are more prone to having a fall accident while the individuals above 25 years old are more affiliated with accidents and incidents as a result of influential strike or being burnt with flare.

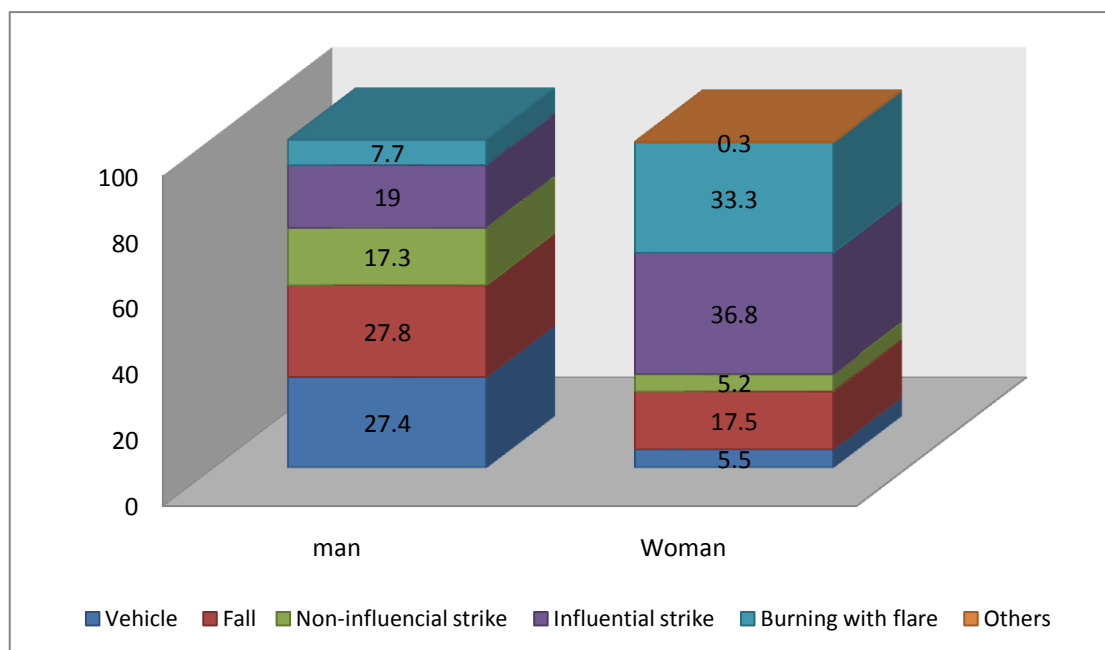
Diagram No. 19: Degree of Outbreak of Incidents and Injuries Based on age of the Injured



- Degree of Outbreak of Incidents and Injuries Based on Gender of the Injured One

There is a meaningful relationship between gender of individuals and type of their injuries. As it is observed in the diagram, the most injury among women had been as a result of influential strike (36.8 percent) and burning with flare (33.3 percent) while the most injuries among men is related to fall (27.8 percent) and vehicle (27.4 percent). The chi-square coefficient also shows this relation meaningful.

Diagram No. 20: Degree of Outbreak of Incidents and Injuries Based on Gender of the Injured Individual

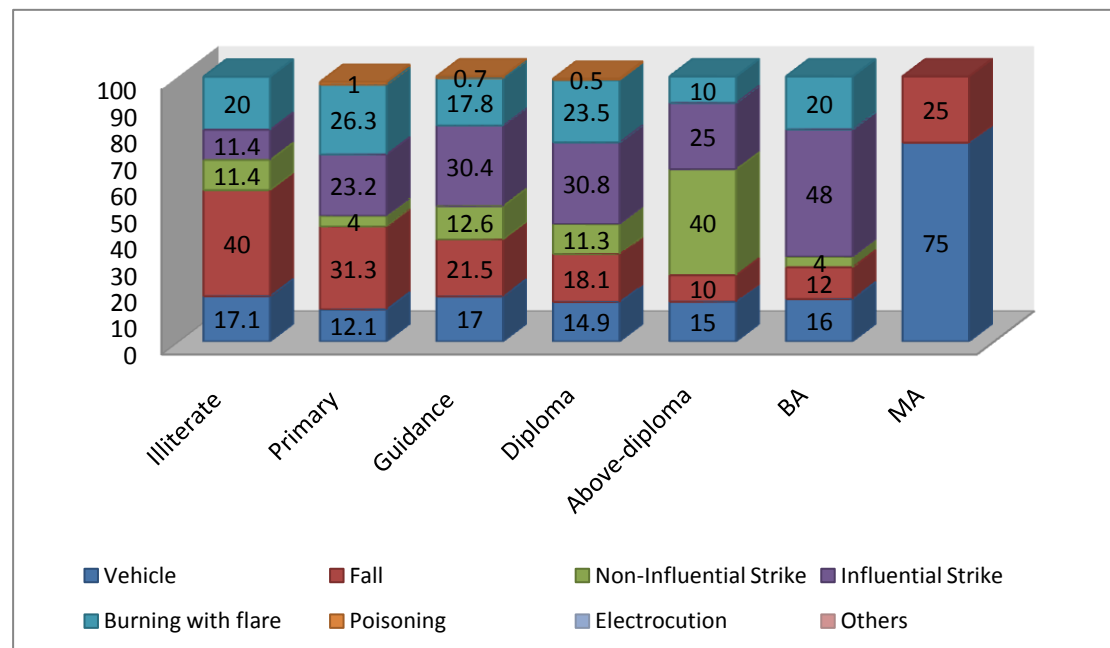


- Degree of Outbreak of Incidents and Accidents Based on Academic Degree of the Injured

The chi-square coefficient shows that there is a meaningful relation between academic degrees of individual with the type of accident happened to him or her. We should bear in mind that accident of falling is more happened for individual with non-academic level and the said issue is palpable in illiterate individuals vividly.

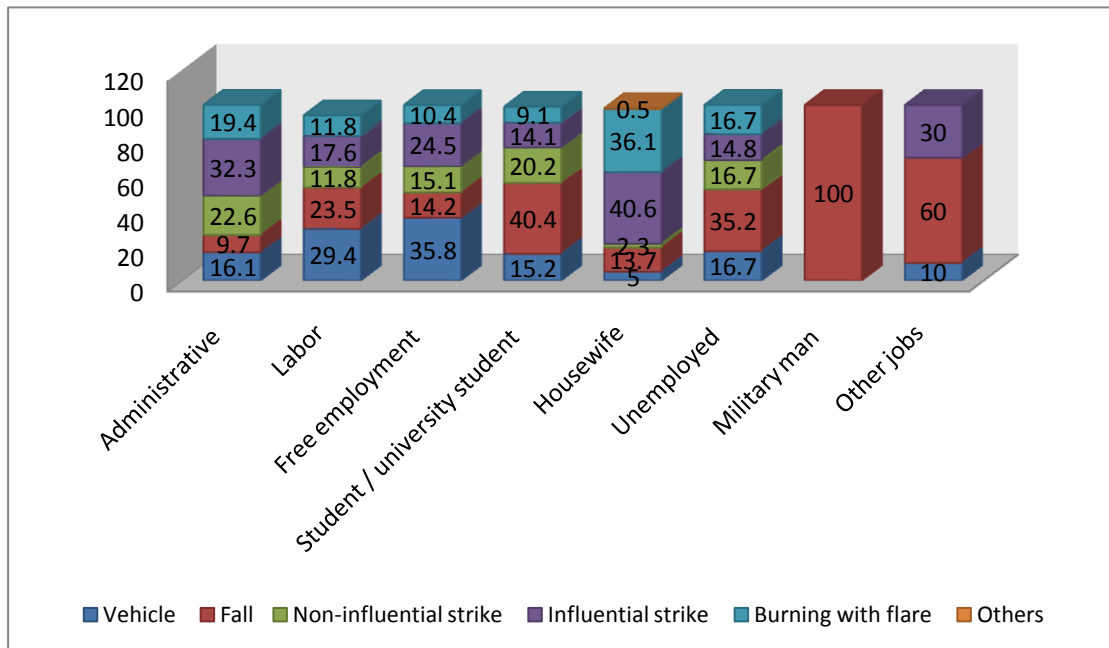
Probably, the injured individuals at this group are more children below age of primary school and this relation is mostly related to the effect of their age on type of accident. As it is observed in diagram no. 19, there is a clear relation between age and type of accidents.

Diagram No. 21: Degree of Outbreak of Incidents and Accidents Based on Academic Degree of the Injured



- Degree of Outbreak of Incidents and Accidents Based on Profession or Job of the Injured

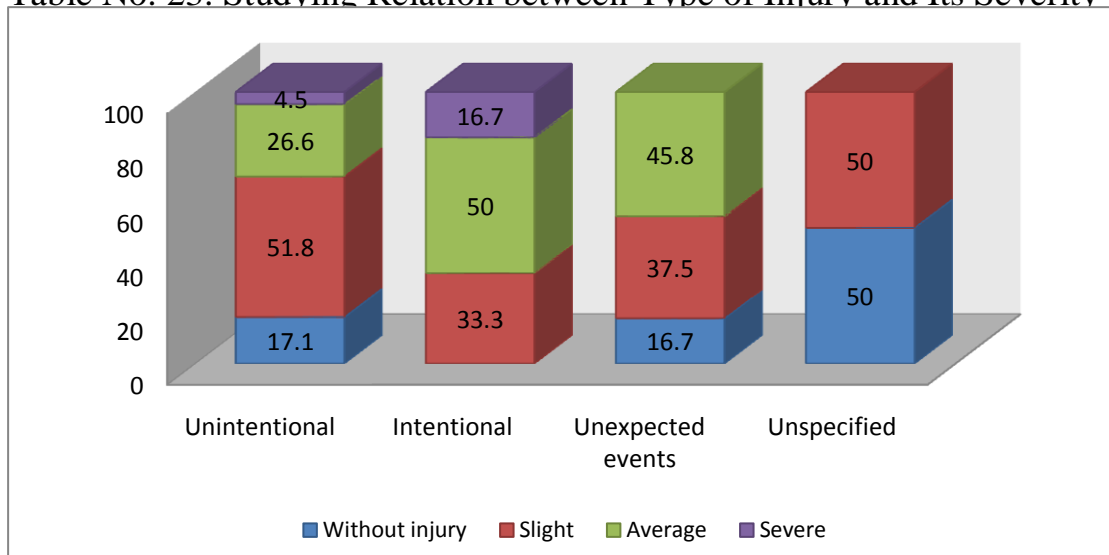
The chi-square coefficient shows that there is a meaningful relation between job of individual and type of injured incurred to him or her. As it is observed in diagram, the most injuries of breadwinner womes is: influential strike (406 percent), and burning with flare (36.1 percent) respectively.



Studying Relationship between Type of Injury and Its Severity

- The chi-square coefficient shows that there is a meaningful relation between type of injury and its severity in a way that intentional accidents and unexpected events have burden high injury to the individual. These relations can be observed at the below diagram.

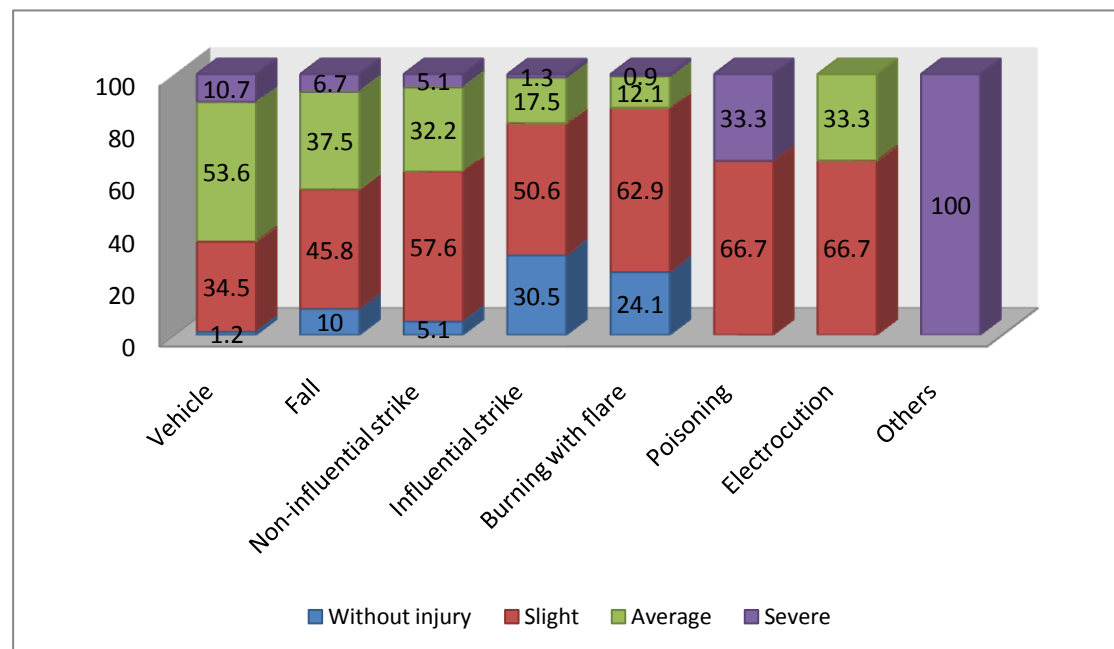
Table No. 23: Studying Relation between Type of Iniury and Its Severity



- Studying Relation between mechanism of injury and its severity

The below diagram shows that injures as a result of burning with flare (24.1 percent) and influential strike (30.5 percent) have had the lowest injuries and can be treated easily at home while incidents and accidents resulted from vehicle (64.3 percent) and fall (44.2 percent) have had the highest injury which resulted in hospitalization of the injured persons at hospital or even resulted in his or her death.

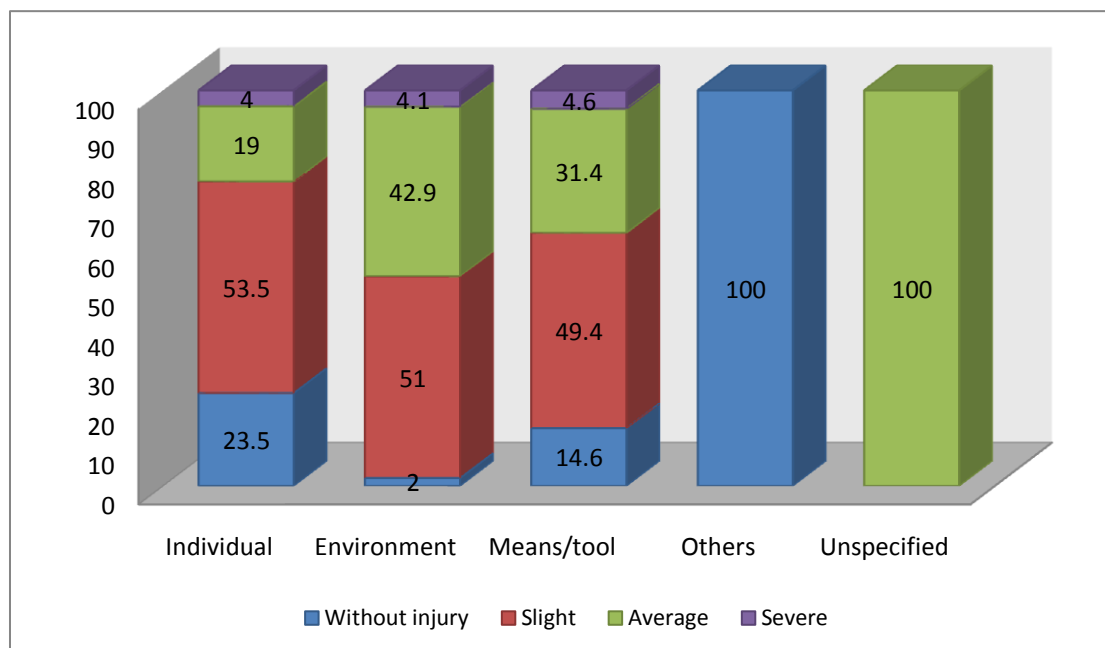
Diagram No. 24: Studying Relation between Mechanism of Injury and Its



- Studying Relation between Reason of Injury and Its Severity

In below diagram, it shows that 47 percent of injuries, as a result of unsafe environment, have had severity of average to high injury. After it, 36 percent of incidents, as a result of working with tools, have had average to high severity of injury to the individual.

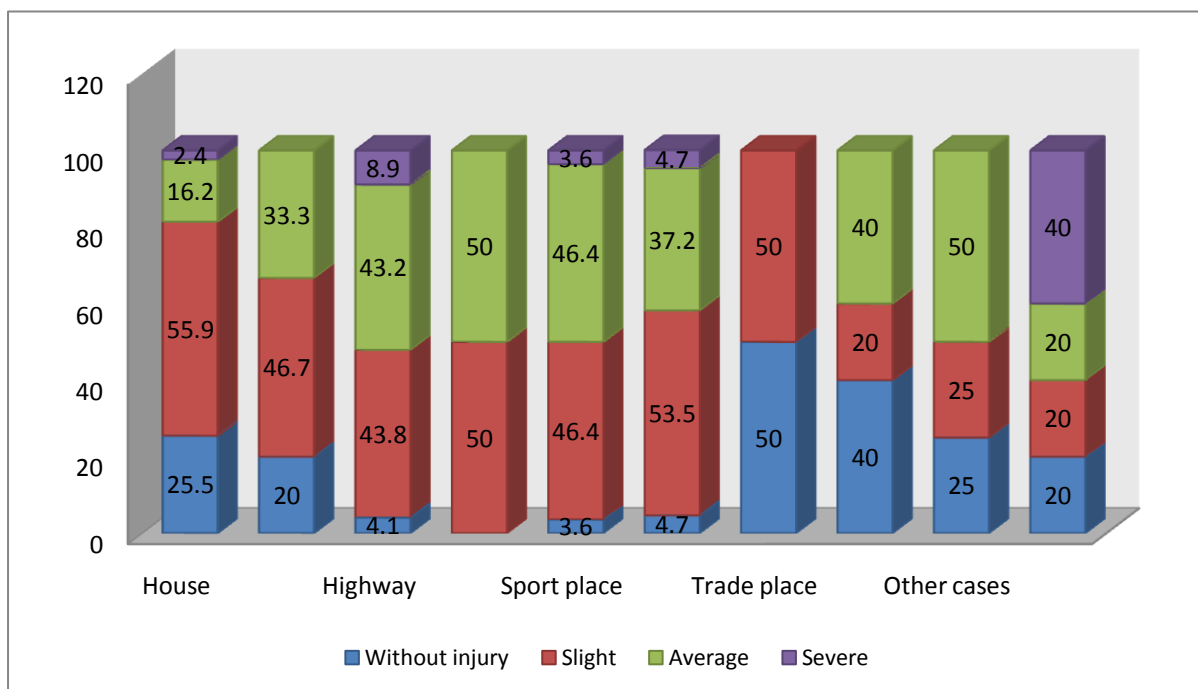
Diagram No. 25: Studying Relation between Reason of Injury and Its Severity



- Studying Relation between Injury Place and Its Severity

As it is observed at the diagram, the incidents that have occurred at home (81.4 percent), have had the lowest degree of slight injury or without injury and in contrast, the incidents, that have been occurred at street or highway (8.9 percent), have had the highest amount of injury and damage for individuals.

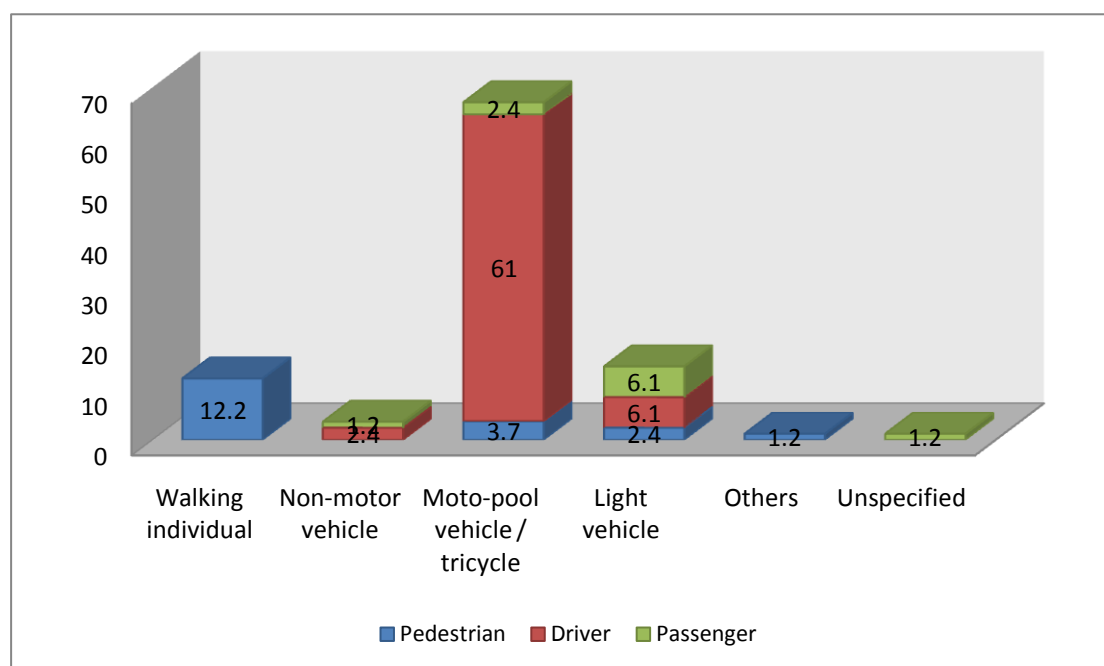
Diagram No. 26: Studying Relation between Place of Injury and Its Severity



- Relation between type of vehicle and situation of the injured person

As it is observed in below diagram, of total vehicle accidents happened at District 14, drivers of motor-pool vehicle or tricycles (61%) have experienced the highest injury which is followed with dismounted or walking individuals (12.2 percent).

Diagram No. 27: Relation between Type of Vehicle and situation of Injured Individual



Conclusion

The sampling was made at District 14 in the localities of Shiva, Shahin, Shakib, Taxirani, Farzaneh, Ahangaran, Niknam, Sad Dastgah, Javadiyeh, Parastar, Shokoufeh, 13th of aban, Jaberi, North Mina, Abouzar, Javadiyeh, Doolab and Shahrabi.

The results of measurement at this district show that 12.9 percent of whole accidents in 2010, have happened by citizens of Doolab locality, 3.8 percent by citizens of Shahin locality, 11.8 percent by citizens of Shahrabi, 24.4 percent by citizens of Ahangaran locality, 25.3 percent by citizens of Sad Dastgah locality, 4.2 percent by citizens of Shokoufeh locality and 8.3 percent by citizens of 13th of Aban locality and 9 percent by citizens of Abouzar locality.

The highest incidents and accidents happened at District 14 includes as follows respectively: influential strike (25.8 percent), fall (22.2 percent), burning with flare (21. 5 percent). Therefore, paying due attention to the reason of occurrence of these incidents seem necessary.

Cut with cutting objects has shown 91.6 percent of factors of using influential strikes. Therefore, training can be effective for boosting and raising public awareness while using cutting tools and devices.

With the studies made in this regard, we know that accident of fall happens for student and university student (40.4 percent) and age groups below 25 years. In the same direction, falling from stair has shown factor of 50 percent of accidents related to falling from unlevelled height. On the other hand, 28.6 percent of these falls have happened in autumn and winter seasons.

Therefore, many of incidents can be prevented with immunizing stairs and routes of passage of schoolchildren especially in cold season.

Data show that 63.8 percent of burnings have occurred as a result of getting contact with hot liquids steam and gas while 36.1 percent of burnings have happened for housewives. Dissemination of information services with regard to observing safety precautions at kitchen is highly recommended.

Housewives (40.6 percent) are the group who has incurred influential strike. Provision of training pamphlets can be beneficial while working with these tools.

Also, results of analysis show that 52 percent of incidents and accidents have happened at highways or streets. Since traffic accidents are happened at these places, traffic accidents have been taken into serious consideration.

It should be noted that 12.2 percent of total traffic accidents at this district is related to pedestrians and 61 percent for drivers of tricycles. In free-employment group, vehicle has created the highest degree of injury (35.8 percent). Since this occupational group is in dire need of more transit than other groups, they use more from vehicles. Hence, necessary training is recommended for observing traffic rules for prevention of traffic accidents.

Indicator 5:

Creating Appropriate Evaluation Tools for Evaluating Programs, Processes and Effect of change

The extant statistics of injuries, as a result of burning, in Iran emphasizes that occurrence of incidents and injuries has allocated remarkable share to itself due to their vastness (ranging from road accidents to natural disasters).

Accidents are regarded as the second reason of death in all age groups and the first reason of death of individuals below 40 years in Iran.

Indicator 6:

Consecutive Presence at National and International Networks of Safe Communities

- Participating at 2nd Safe Community Seminar in 2009
- Participating in 2nd Safety Community Seminar in 2009
- Organizing Safe Driving – Safe Community Seminar in 2010
- Organizing Comprehensive Safe Regional Workshop in 2009
- Participating in ceremonies of attachment of five Districts to Safe Community Global Network in 2010

Publications:

Books:

- Training homogeneous individuals: from observation to practice,
- Safe Community Manual (1) Principles (translated to Farsi),
- Safe Community Manual (2) study of injuries (translated to Farsi),
- Safe Community Manual (3) a brief review on injuries of children (translated to Farsi)
- Safe Community Manual (4) on communications (translated to Farsi)
- Safe Community Manual (5) on empowerment (translated to Farsi)
- Safe Community Manual (6) operational planning (translated to Farsi)
- Safe Community Manual (7) membership manual 9translated to Farsi)

Brochures:

- Brochure of preventing silent deaths,
- Brochure of preventing incidents of Red Festival,
- Brochure of preventing flu Type A,
- Brochure of driving and safe community,
- Brochure of preventing silent deaths as a result of CO gas,
- Booklet on how drive to be safe

Organizations

- Traffic Department of District 14

- Education Department of district 14
- Red Crescent Society of District 14
- Law Enforcement Forces of District 14,
- Urban planning and architecture
- Social Injuries Department
- Safety Services and Firefighting Organization

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