

Streets with Maximum Accidents in Al Ain

(Shaikh Khalifa Street)

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Objectives

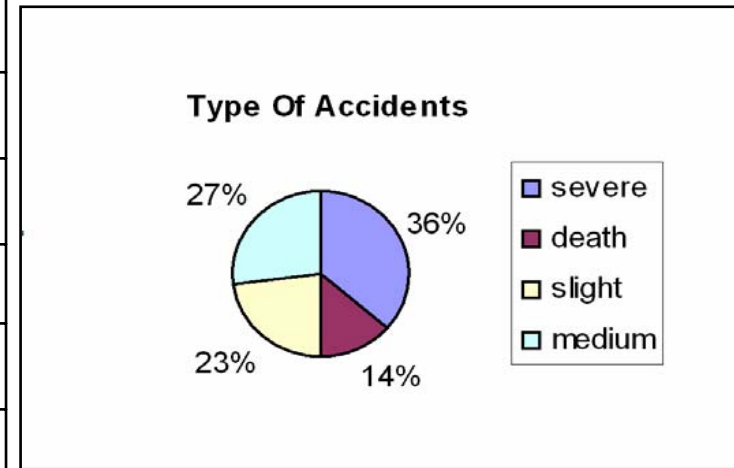
- To find out streets in Al Ain with maximum accidents.
- Reasons and measures to be taken for the accidents.

Methodology

- ArcGIS database was built which shows location, time, date and day of accidents.
- The data was collected from Al Ain Municipality and Al Ain Traffic Department.
- The steps followed in building the GIS database included digitization of geographic data, creating topology, checking feature accuracy and transforming to real-world coordinates system, preparing attribute database and linking geographic data with attribute data.

Table & Graph showing type of Accidents in Al Ain

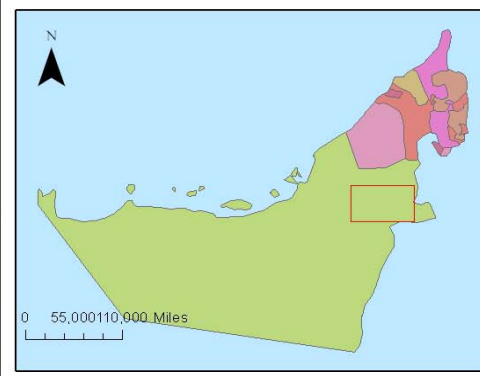
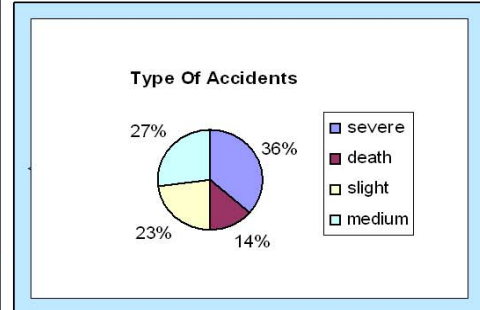
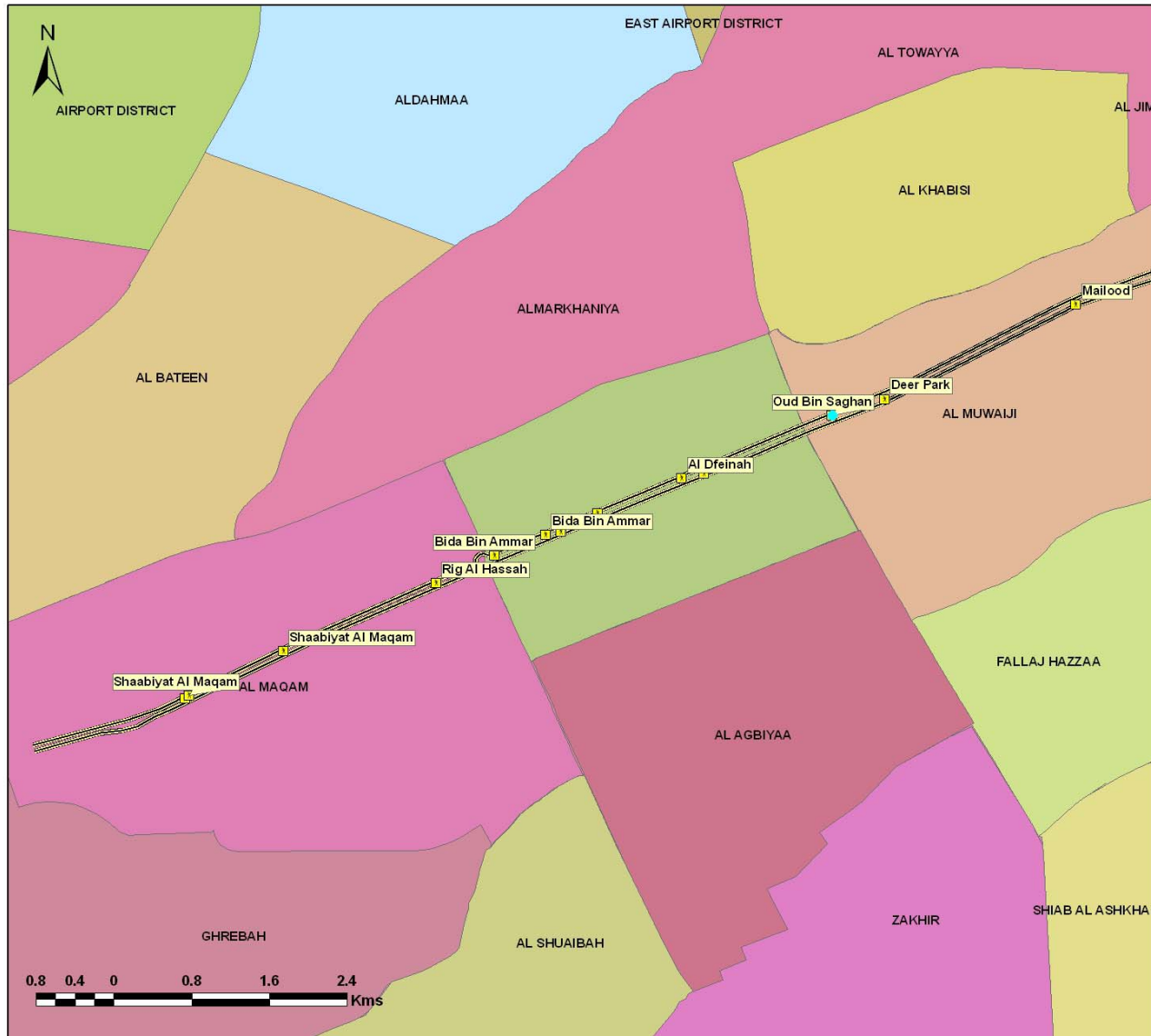
ID	Place of accident	number of accident	Time	Date	Day	causes of accidents	Type of accidents
1	Shaabiyat al maqam	3	8:00 am	8/1/2006	Tuesday	tail gating	slight
2	Deer park	2	6:30 pm	8/2/2006	Wednesday	driving without license	medium
3	Bida bin Ammar	5	1:30 am	8/3/2006	Thursday	aggressing driving	severe
4	Loud bin saghan	1	4:00 pm	8/4/2006	Friday	exceeding speed limit	severe
5	Al dfeinah	3	2:30 pm	8/5/2006	Saturday	tire explosion	medium
6	Rig al hassah	1	10:00 pm	8/6/2006	Sunday	disregarding the red traffic	death
7	Shaabiyat asharag	2	11:00 am	8/7/2006	Monday	incorrect reversing	medium
8	Mailood	4	5:00 pm	8/8/2006	Tuesday	using uncorrected lame	slight
9	Shiebat Al Oud	3	7:00 pm	8/9/2006	Wednesday	not making sure of road clearance	medium
10	Al Dfeinah	2	2:00 am	8/10/2006	Thursday	under al cohol or drugs influence	severe



Street with Accident Pictures in Al Ain



Map Showing Cars Movement on Shaikh Khalifa Bin Zayed Street in Al Ain



AL AIN

— Shikh_khlifa_bin_zayed_street

■ Area Accidents

Measures for the Accident

- We need to fine high penalty for young people who drive cars recklessly and without a driver's license.
- To tighten control on the taxi drivers so that they understand the traffic laws in the state. To train taxi drivers.
- There should be special places to cross the roads such as the establishment to subways and bridges, especially on the intersections.
- Intensify traffic awareness campaigns consistently for both pedestrians and drivers through various media, organizations, commercials and posters and to reduce traffic accidents.
- To control traffic on roads, especially during peak hours.
- The need to prevent individuals and the presence of cars at the site of the incident as it hampers traffic policemen to do his work during accidents.

Conclusions

- With the study conducted on the streets of Al Ain, Sheikh Khalifa Bin Zayed street show the highest number of accidents.
- Accidents on streets of Al Ain should be controlled by adopting suitable measures in order to save the life of people and make the city a safe place to live and drive in.