

Appendix D Crash Analysis





IDOT Crash Data Sources

Illinois Department of Transportation Crash Data, 2017-2021

2021

https://gis-idot.opendata.arcgis.com/datasets/IDOT::crashes-2021/explore

2020

https://gis-idot.opendata.arcgis.com/datasets/IDOT::crashes-2020/explore

2019

https://gis-idot.opendata.arcgis.com/datasets/IDOT::crashes-2019/explore

2018

https://gis-idot.opendata.arcgis.com/datasets/IDOT::crashes-2018/explore

2017

https://gis-idot.opendata.arcgis.com/datasets/IDOT::crashes-2017/explore



National Highway Traffic Safety Administration (NHTSA) Motor Vehicle Crash Data Querying and Reporting Fatal Motor Vehicle Crashes

State: Illinois and City: Chicago Years: 2017-2021

Fatal Motor Vehicle Crashes 1

Crash Date						С	rash	Date (1	Month)				
(Year)	January	February	March	April	May	June	July	August	September	October	November	December	Total
2017	13	10	12	9	10	11	16	15	14	5	14	6	135
2018	10	7	10	10	11	9	18	12	8	11	10	7	123
2019	9	6	12	12	12	14	17	13	7	12	12	9	135
2020	6	12	5	10	15	18	29	10	19	20	12	21	177
2021	13	8	14	12	24	16	30	23	24	16	21	15	216
Total	51	43	53	53	72	68	110	73	72	64	69	58	786

W. Ogden Avenue Crashes

S. Pulaski Rd. to S. Kedzie Ave. | 2017-2021

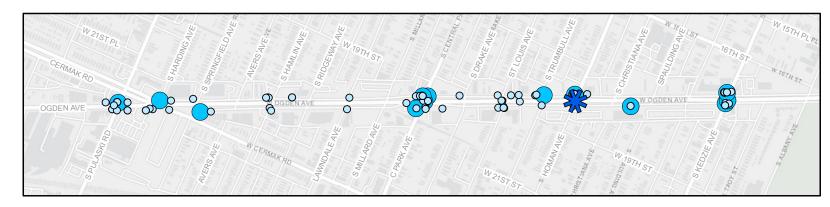




Fatal Auto Crash

A-Injury Auto Crash

B-Injury Auto Crash



- A-Injury Bicyclist Crash
- B-Injury Bicyclist Crash



- A-Injury Pedestrian Crash
- o B-Injury Pedestrian Crash





Ogden Avenue Fatal and Serious Injury Crashes Pulaski to Kedzie 2017-2021

Yellow = Proposed improvement is likely at this location, based on preliminary feasibility review

Orange = Proposed improvement may be feasible at this location

1 = Proposed improvement would address this crash type at this location.

0 = Proposed improvement would not address this crash type, or improvement is not planned at this location

										educe											
										onflict											
										oints,											
									cr	rossing			Reduce risk								
									di	istance, and			of left turn				Replacing				
								Total # of		tersection			collisions by				standard		Installing		
								Crashes of		omplexity by			eliminating				pedestrian		raised		
								susceptible		•			positive	pedestrian			signals with		crosswalks		
								to any			Eliminating		offset of	safety by	Providing			Adding APS			
								proposed			a travel lane		opposing	installing		Installing	signals	to	crosswalks		Traffic signal
			Intersection Ped - Bike -				Total # of	improveme			in each	left turn	left turn	refuge	bicycle	curb	(including			Adding left	
Order	Location	Severity	or Midblock Vehicle	Crash Type	Date	Description	Crashes	ts	ın	tersections	direction	lanes	lanes	islands	facilities	extensions	APS)	signals	streets	turn phasing	improvements
						Unit 1, westbound on Ogden Avenue, went															
						through the intersection with a solid red signal															
						striking Unit 2 who was making a left turn from															
						Ogden Avenue to go northbound on Pulaski															
						Road. Officers noted that there is a no left turn															
						sign to go northbound on Pulaski Road from the															
						eastbound lanes of Ogden Avenue. This crash															
4	Pulaski		lakana aktan Maktala	T	7/22/2010	occurred in daylight with clear conditions and				0	4	4	0	0	0	n	0	0	0	0	1
	I Intersection	A I	Intersection Vehicle	Turning	//22/2019	dry pavement.		1	1	0	1	1	0	0	0	U	0	U	0	0	1
						Vehicles following too closely. This crash															
	Cermak					occurred in daylight with clear conditions and															
	Intersection	۸ ۱	Intersection Vehicle	Rear End	7/12/2017	wet pavement. No crash report is available for 7 this crash.		1	1	0	1	0	0	0	0	0	0	0	0	0	1
	intersection .	A I	intersection venicle	Real Ellu	//12/201/	Unit 1 traveling eastbound on Ogden Avenue		1	4	0	1	U	0	0	U	0	0	0	0	U	1
						struck a pedestrian crossing not at the															
						intersection or in a crosswalk. This crash															
	Cermak					occurred in darkness on a lighted road with rainy															
2	Intersection	Δ Ι	Intersection Pedestrian	Pedestrian	3/17/2021	L conditions on wet pavement.		1	1	1	1	0	0	0	0	0	0	0	0	0	1
-	intersection i		Treesending redesending	reacstrian	3,17,2023	A vehicle was driving at a high rate of speed from			_	-		<u> </u>	<u> </u>	Ů					Ü		-
						the Power gas station eastbound on Ogden															
						Avenue and struck a utility pole. The vehicle then															
						continued heading eastbound on Ogden Avenue,															
						drove on the median between the service drive															
						and the center lanes on Ogden Avenue and then															
						entered the service drive and struck a parked															
						vehicle and then a building. Drugs were a factor															
						in this crash. This crash occurred in darkness on a															
	Cermak to			Fixed		lighted road with clear conditions and dry															
3	Hamlin .	1 A	Midblock Vehicle	Object	7/20/2021	L pavement.		1	1	0	1	0	0	0	0	0	0	0	0	0	0
						Southbound Unit 1 attempted to turn left from															
						Hamlin Avenue onto Ogden Avenue and struck a															
						pedestrian walking southbound on Hamlin															
						Avenue in the crosswalk of Ogden Avenue. This															
	Hamlin					crash occurred in daylight with clear conditions															
4	Intersection .	A I	Intersection Pedestrian	Pedestrian	4/25/2018	3 and dry pavement.		1	1	1	1	0	0	0	0	0	0	0	0	0	1
	Hamlin to	·]
5	Lawndale	- 1	Midblock -		-	No fatal or Type-A injury crashes.		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lawndale																				
6	Intersection		Intersection -	-	-	No fatal or Type-A injury crashes.		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lawndale to											_	_	_			_	_		_	
7	Central Park	- I	Midblock -		-	No fatal or Type-A injury crashes.		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Order			Intersection Ped - Bike - or Midblock Vehicle	Crash Type	Date Description	Total # of Crashes	Total # of Crashes of susceptible to any proposed improveme ts	inters compl closing limiting fronta n access	ct s, ing nce, and section lexity by ig or ng age road s at	Eliminating a travel lane in each	Installing	Reduce risk of left turn collisions by eliminating positive offset of opposing left turn lanes	Improve pedestrian	Providing separated bicycle facilities	Installing curb extensions	(including	to	Installing raised crosswalks on crosswalks across side streets		Traffic signal visibility ; improvements
					This crash occurred in daylight with clear															
	Central Park				conditions and dry pavement. No crash report available for this	IS														
	8 Intersection		Intersection Vehicle	Turning	1/24/2017 crash.		1	1	1	1	0	1	0	0	0	0	0	0	1	1
					Unit 1 traveling eastbound on Ogden Avenue															
					was struck by a westbound vehicle when it															
					turned left in front of them. This crash occurre	d														
	Central Park				in darkness on a lighted road with clear															
	8 Intersection	Α	Intersection Vehicle	Turning	10/20/2017 conditions and dry pavement.		1	1	1	1	0	1	0	0	0	0	0	0	1	1
					Unit 1, traveling westbound on Ogden Avenue	at														
					the Central Park Avenue intersection,															
					disregarded the red light and collided with Un	1.2														
	Central Park				which was turning left from eastbound Ogden Avenue. This crash occurred in daylight with															
	8 Intersection		Intersection Vehicle	Turning	1/24/2020 rainy conditions on wet pavement.		1	1	1	1	0	1	0	0	0	0	0	0	1	1
	o intersection		THE TOTAL OF THE T	Turring	Unit 1 was driving eastbound on Ogden Avenu	2								•						
					at a high rate of speed and was headed to Mt.															
					Sinai hospital due to another crash. Unit 2 was															
					driving southbound on Central Park Avenue ar	d														
					was driving straight ahead when Unit 1 did no															
					stop at the red light at Central Park and struck															
					Unit 2. Unit 1 then lost control and struck Unit															
					which was parked on the corner of Central Par															
					and Ogden. This crash occurred in darkness or	a														
	Central Park		Interception Makinla	A I	lighted road with clear conditions and dry		1	4	0	1	0	0	0	0	0	0	0	0	0	1
	8 Intersection	А	Intersection Vehicle	Angle	9/13/2020 pavement. Unit 1, westbound on Ogden Avenue, collided		1	1	0	1	0	0	0	0	0	0	0	0	0	1
					with Unit 2 as they turned left from eastbound															
					Ogden Avenue onto Central Park Avenue. This															
	Central Park				crash occurred in darkness on a lighted road w	ith														
	8 Intersection	Α	Intersection Vehicle	Turning	2/21/2020 clear conditions and dry pavement.		1	1	1	1	0	1	0	0	0	0	0	0	1	1
					Unit 2 was driving eastbound on Ogden Avenu	9											_			
					when Unit 1 simultaneously drove his bicycle															
					northbound into oncoming traffic causing Unit															
				5 1 1 1:	to strike Unit 2. This crash occurred in darknes															
	Central Park		Midblock Pedalcyclist	Pedalcyclis	on a lighted road with clear conditions and dry 11/2/2019 pavement.		1	_	0	1	0	0	1	1	0	0	0	0	0	0
	9 to Homan Central Park		Midblock Pedalcyclist	ι	This crash occurred at the two-way stop-		1	1	0	1	U	U		1	U	U	U	0	U	0
	to Homan				controlled intersection of Ogden Avenue and															
	(at				Trumbull Avenue. Unit 1 northbound on															
	Trumbull				Trumbull struck the side of Unit 2 which was															
	intersection				westbound on Ogden Avenue. This crash															
	9)	Α	Intersection Vehicle	Angle	6/20/2020 occurred in daylight with clear conditions and		1	1	1	1	0	0	0	0	0	0	0	0	0	0
					The driver of Unit 1 traveling southbound on															
					Homan Avenue at high speed disregarded the															
					red traffic signal at the intersection with Ogde	1														
	Цотот				Avenue striking three vehicles. This crash															
	Homan IO Intersection	Fatal	Intersection Vehicle	Angle	occurred in daylight with clear conditions and 7/28/2020 dry pavement.		1	1	0	1	0	Ω	Ω	0	0	0	0	0	0	1
	Lo IIII CI SECLIOII	ιαιαι	micraection verillie	VIIRIE	7,20,2020 dry pavement.		•	-	U	1	U	U	<u> </u>	0	U	0	U	U	0	Ţ

Order	Location		Intersection Ped - Bike - or Midblock Vehicle	Crash Type D		Total # of Crashes	Total # of Crashes of susceptible to any	limiting frontage roa access at		Installing left turn lanes	Reduce risk of left turn collisions by eliminating positive offset of opposing left turn lanes	,	Providing separated bicycle facilities	Installing curb extensions	signals (including	Adding APS to	crosswalks	Adding left	Traffic signal visibility improvements
					Unit 1 and Unit 2 were traveling in opposite directions on Ogden Avenue and collided in the														
					middle of the Homan Avenue intersection. The														
					investigation revealed that Unit 1 was possibly														
					attempting to turn, although fault was not														
	Homan		Interception Vehicle	Hood On	determined. The crash occurred in daylight with 7/25/2020 clear conditions and dry pavement.			1	1	1	0	0	0	0	0	0	0	1	1
	.0 Intersection	ı A	Intersection Vehicle	Head-On	Unit 2 traveling westbound on Ogden Avenue		1 1		1	1	U	0	U	U	0	U	0	1	1
					struck a bicyclist (Unit 1) that was headed														
					northbound on Ogden Avenue against the flow														
	Homan to			Pedalcyclis	of traffic. This crash occurred in daylight with														
1	1 Kedzie	Α	Midblock Pedalcyclist		11/1/2017 rainy conditions on wet pavement.		1 1	. 0	1	0	0	0	1	0	0	0	0	0	0
			·		The driver of Unit 2 swerved into the middle														
					median and lost control of his motorcycle which														
					led him to fall off his motorcycle which then														
					struck the rear of Unit 2. This crash occurred in														
	Homan to				darkness on a lighted road with clear conditions														
1	1 Kedzie	A	Midblock Vehicle	Rear End	6/30/2019 and dry pavement.		1 1	. 0	1	0	0	0	0	0	0	0	0	0	0
					This crash occurred as a result of a vehicle														
					disregarding the traffic signals. This crash														
	Kedzie				occurred in daylight with clear conditions and dry pavement. No crash report is available for														
1	12 Intersection	. Δ	Intersection Vehicle	Angle	6/28/2017 this crash.		1 1	. 0	1	0	0	0	0	0	0	0	0	0	1
	12 III CI SCCIOII		microcción venicie	Aligic	Unit 2 was traveling northbound on Kedzie				-				· ·		0		-	0	-
					Avenue on a scooter, disregarded the red traffic														
					signal and was struck by Unit 1 traveling														
					westbound on Ogden Avenue which continued														
					westbound after striking Unit 2. The rider of the														
					scooter (Unit 2) was 13 years old. This crash														
	Kedzie			Pedalcyclis	occurred in darkness with clear conditions and														
1	2 Intersection	ı A	Intersection Pedalcyclist	t	1/24/2018 dry pavement.		1 1	. 1	1	0	0	0	1	0	1	0	0	0	1
					Unit 1 was driving westbound on Ogden Ave and														
					made a southbound turn on Kedzie Avenue and														
					was struck by Unit 2 which was driving eastbound on Ogden Avenue. This crash														
	Kedzie				occurred in darkness with clear conditions and														
1	12 Intersection	1 A	Intersection Vehicle	Turning	10/3/2018 dry pavement.		1 1	1	1	0	0	0	0	0	0	0	0	1	1
				, ~·····'b	Unit 1 was travelling west on Ogden Avenue			-	-				-					-	
					attempting to turn south onto Kedzie Avenue														
					and failed to yield to Unit 2, striking Unit 2 in the														
					front left, causing Unit 2 to lose control and flip.														
	Kedzie				This crash occurred in daylight with clear														
1	12 Intersection	ı A	Intersection Vehicle	Turning	6/24/2020 conditions and dry pavement.		1 1	1	1	0	0	0	0	0	0	0	0	1	1

							Total # of Crashes of	Reduce conflict points, crossing distance, a intersection complexity	1		Reduce risk of left turn collisions b eliminating	y			Replacing standard pedestrian		Installing raised		
							susceptible to any	closing or limiting	Eliminating		positive offset of	pedestrian safety by	Providing		signals with countdown	n Adding APS	crosswalks on		
	_						proposed	frontage ro	ad a travel lan	e Installing	opposing	installing	separated	Installing	signals	to	crosswalks		Traffic signal
	_	Injury	Intersection Ped - Bike -			Total # of	improveme	n access at	in each	left turn	left turn	refuge	bicycle	curb	(including	pedestrian	across side	Adding left	visibility
Order	Location	Severity	or Midblock Vehicle	Crash Type	Date Description	Crashes	ts	intersection	ns direction	lanes	lanes	islands	facilities	extensions	APS)	signals	streets	turn phasing	improvements
					Unit 1 traveling southbound on Kedzie														
					disregarded the red traffic signal and struck Uni														
					2, traveling westbound on Ogden Avenue, on th	е													
					left side and flipped Unit 2 on its side. Officers														
					later learned through a witness that Unit 1 had														
					also struck a pedestrian on Kedzie Avenue														
					immediately prior to this accident. Alcohol was	a													
					factor in this crash. This crash occurred in														
	Kedzie				darkness on a lighted road with clear conditions														
	12 Intersection	n A	Intersection Pedestrian	Pedestrian	10/3/2020 and dry pavement.		1	1 1	1	0	0	0	0	0	1	0	0	0	1
					Unit 2 was westbound on Ogden Avenue slowin														
					for a red traffic signal when Unit 1, a pedestrian														
					stepped in front Unit 1 and was struck. This cras														
	Kedzie				occurred in darkness on a lighted road with clea	r													
	12 Intersection	n A	Intersection Pedestrian	Pedestrian	10/20/2021 conditions and dry pavement.		1	1 1	1	0	0	0	0	0	1	0	0	0	1
Total							22 2	2	13 2	2 2	4	1	3	0	3	0	0	7	17