



Through Vision Zero SF we commit to working together to prioritize street safety and eliminate traffic deaths in San Francisco.

VISION ZERO SF – TRAFFIC COLLISION DATA

July 23, 2021

BOS Presentation

AGENDA & OBJECTIVES

- 1. Vision Zero Overview**
- 2. Review SFPD Citation and Crash Data, including information sharing**
- 3. Overview of interactive TransBASE System for analyzing crash data and the High Injury Network (HIN) development**
- 4. Summary of how MTA uses traffic crash data to inform safety improvements**

VISION ZERO OVERVIEW



VISION ZERO
ACTION STRATEGY

Eliminating Traffic Deaths in San Francisco



Vision Zero SF is the city's commitment to creating safer, more livable streets with the goal of **eliminating all traffic fatalities and reducing severe injuries**



Saving Lives



Prevention



Equity



Slowing
Speeds



Safe Streets



Safe People
and
Safe Vehicles

People make mistakes, no one should die when this happens

TRADITIONAL APPROACH

Traffic deaths are **INEVITABLE**

PERFECT human behavior

Prevent **COLLISIONS**

INDIVIDUAL responsibility

Saving lives is **EXPENSIVE**

VS

VISION ZERO

Traffic deaths are **PREVENTABLE**

Integrate **HUMAN FAILING** in approach

Prevent **FATAL AND SEVERE CRASHES**

SYSTEMS approach

Saving lives is **NOT EXPENSIVE**

VISION44:0NETWORK

MULTI-DEPARTMENT, CITYWIDE POLICY

Transportation Authority Vision Zero Committee

Community & City Vision Zero Task Force

San Francisco Vision Zero

Data Systems

Legislative Agenda

Safe Streets

Engineering complete streets projects

Traffic calming in neighborhoods

Safe People

Educating and raising awareness about street safety

Enforcing traffic laws

Safe Vehicles

Using technology to ensure safe vehicles

Locally ensure emerging mobility providers have safe vehicles



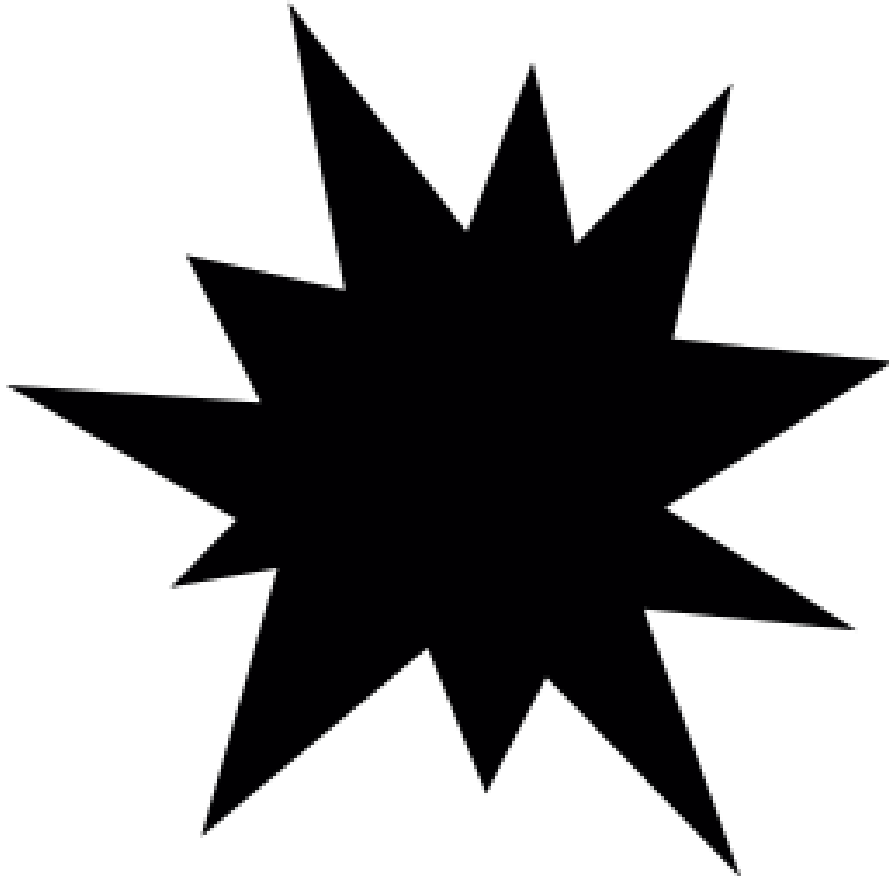
SAN FRANCISCO PLANNING DEPARTMENT



TRANSBASE AND HIGH INJURY NETWORK DEVELOPMENT



Where does our collision data come from?



STATE OF CALIFORNIA
TRAFFIC COLLISION REPORT Retrieved by A00970 on 11/7/14 at 4:50:46 PM
 CHP 555 Page 1 (Rev.7-03) OPI 081 SFPD Records (415) 553-1286 Page 1 of 5

SPECIAL CONDITIONS COUNTER REPORT		NUMBER INFLUENCED 1	HT & AIR FIELDS <input type="checkbox"/>	CITY SAN FRANCISCO	JUDICIAL DISTRICT SAN FRANCISCO	LOCAL REPORT NUMBER 100667984	
COLLISION OCCURRED ON 909 HAIGHT ST.		NUMBER KILLED 0	HT & AIR AIRCRAFT <input type="checkbox"/>	COUNTY SAN FRANCISCO	REPORTING DISTRICT PARK	SEAT 3FO0	NOIC # 7901
MILEPOST INFORMATION		DATE 11 29 09		TIME (24HR) 1405		OFFICER I.D. 4684	
AT INTERSECTION WITH		DAY OF WEEK SMTWTFS		TOW AWAY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PHOTOGRAPHS BY <input checked="" type="checkbox"/> NONE	
OR		STATE HWY REL. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
PARTY 1		PARTY 2		PARTY 3			
DRIVER'S LICENSE NUMBER UNKNOWN		DRIVER'S LICENSE NUMBER BRUCE WINTER		DRIVER'S LICENSE NUMBER 64-111-34			
NAME (FIRST, MIDDLE, LAST) UNKNOWN		NAME (FIRST, MIDDLE, LAST) BRUCE WINTER		NAME (FIRST, MIDDLE, LAST) SA DELANEY #4684			
STREET ADDRESS UNKNOWN		STREET ADDRESS 877 HAIGHT ST		STREET ADDRESS 64-111-34			
CITY/STATE/ZIP UNKNOWN		CITY/STATE/ZIP SAN FRANCISCO CA. 94117		CITY/STATE/ZIP 64-111-34			
SEX UNK		SEX M		SEX UNK			
HAIR UNK		HAIR BRN		HAIR UNK			
EYES UNK		EYES BLU		EYES UNK			
HEIGHT UNK		HEIGHT 6'0"		HEIGHT UNK			
WEIGHT UNK		WEIGHT 160		WEIGHT UNK			
BIRTH-DATE UNK		BIRTH-DATE 11		BIRTH-DATE UNK			
RACE UNK		RACE UNK		RACE UNK			
HOME PHONE UNK		BUSINESS PHONE (415) 62		BUSINESS PHONE UNK			
INSURANCE CARRIER UNKNOWN		INSURANCE CARRIER 21ST CENTURY		INSURANCE CARRIER UNK			
POLICY NUMBER UNK		POLICY NUMBER UNKNOWN		POLICY NUMBER UNK			
DIR OF TRAVEL ON STREET OR HIGHWAY EB		DIR OF TRAVEL ON STREET OR HIGHWAY HAIGHT		DIR OF TRAVEL ON STREET OR HIGHWAY UNK			
SPEED LIMIT UNK		SPEED LIMIT 3		SPEED LIMIT UNK			
VEH. YEAR UNK		VEH. YEAR 01		VEH. YEAR UNK			
MAKE/MODEL/COLOR UNK/UNK/WHITE		MAKE/MODEL/COLOR 04		MAKE/MODEL/COLOR UNK			
LICENSE NUMBER UNKNOWN		LICENSE NUMBER UNK		LICENSE NUMBER UNK			
STATE UNK		STATE UNK		STATE UNK			
OWNER'S NAME UNKNOWN		OWNER'S NAME <input checked="" type="checkbox"/> SAME AS DRIVER		OWNER'S NAME <input type="checkbox"/> SAME AS DRIVER			
OWNER'S ADDRESS UNKNOWN		OWNER'S ADDRESS <input checked="" type="checkbox"/> SAME AS DRIVER		OWNER'S ADDRESS <input type="checkbox"/> SAME AS DRIVER			
DISPOSITION OF VEHICLE ON ORDERS OF: <input type="checkbox"/> OFFICER <input checked="" type="checkbox"/> DRIVER <input type="checkbox"/> OTHER		DISPOSITION OF VEHICLE ON ORDERS OF: <input type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input checked="" type="checkbox"/> OTHER		DISPOSITION OF VEHICLE ON ORDERS OF: <input type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input type="checkbox"/> OTHER			
PRIOR MECHANICAL DEFECTS: <input type="checkbox"/> NONE APPARENT <input type="checkbox"/> REFER TO NARRATIVE		PRIOR MECHANICAL DEFECTS: <input type="checkbox"/> NONE APPARENT <input type="checkbox"/> REFER TO NARRATIVE		PRIOR MECHANICAL DEFECTS: <input type="checkbox"/> NONE APPARENT <input type="checkbox"/> REFER TO NARRATIVE			
VEHICLE IDENTIFICATION NUMBER		VEHICLE IDENTIFICATION NUMBER		VEHICLE IDENTIFICATION NUMBER			
VEHICLE TYPE 01		VEHICLE TYPE 04		VEHICLE TYPE UNK			
DESCRIBE VEHICLE DAMAGE <input checked="" type="checkbox"/> UNK <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		DESCRIBE VEHICLE DAMAGE <input checked="" type="checkbox"/> UNK <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		DESCRIBE VEHICLE DAMAGE <input type="checkbox"/> UNK <input type="checkbox"/> NONE <input type="checkbox"/> MINOR			
SHADE IN DAMAGED AREA <input type="checkbox"/> MOD <input type="checkbox"/> MAJOR <input type="checkbox"/> ROLL-OVER		SHADE IN DAMAGED AREA <input checked="" type="checkbox"/> MOD <input type="checkbox"/> MAJOR <input type="checkbox"/> ROLL-OVER		SHADE IN DAMAGED AREA <input type="checkbox"/> MOD <input type="checkbox"/> MAJOR <input type="checkbox"/> ROLL-OVER			
CA UNK		CA UNK		CA UNK			
DOT UNK		DOT UNK		DOT UNK			
TCR/PSG UNK		TCR/PSG UNK		TCR/PSG UNK			
MCMK UNK		MCMK UNK		MCMK UNK			
PREPARED BY SA DELANEY #4684		DISPATCH NOTIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		REVIEWER'S NAME Sgt Ducas		DATE REVIEWED 07/21/10	

CHP 555 Traffic Collision Report

Where does our collision data come from?

STATE OF CALIFORNIA
TRAFFIC COLLISION REPORT Retrieved by A00970 on 11/7/14 at 4:50:46 PM
 CHP 555 Page 1 (Rev. 7-03) OPI 081 SFPD Records (415) 553-1286 Page 1 of 5

SPECIAL CONDITIONS
 COUNTER REPORT
 NUMBER REPORTED: 1
 CITY: SAN FRANCISCO
 JUDICIAL DISTRICT: SAN FRANCISCO
 LOCAL REPORT NUMBER: 100667984

LOCATION
 COLLISION OCCURRED ON: 909 HAIGHT ST.
 MILEPOST INFORMATION: 11 29 09 1405
 COUNTY: SAN FRANCISCO
 REPORTING DISTRICT: PARK
 BEAT: 3F00
 DAY OF WEEK: M T W T F S
 TOW AWAY: YES NO

PARTY 1
 DRIVER'S LICENSE NUMBER: UNKNOWN
 NAME (FIRST, MIDDLE, LAST): UNKNOWN
 STREET ADDRESS: UNKNOWN
 CITY/STATE/ZIP: UNKNOWN
 SEX: UNK HAIR: UNK EYES: UNK HEIGHT: UNK WEIGHT: UNK BIRTH-DATE: UNK RACE: UNK
 INSURANCE CARRIER: UNKNOWN
 DIR OF TRAVEL: EB HAIGHT
 SPEED LIMIT: UNK

PARTY 2
 DRIVER'S LICENSE NUMBER: [REDACTED]
 NAME (FIRST, MIDDLE, LAST): [REDACTED]
 STREET ADDRESS: [REDACTED]
 CITY/STATE/ZIP: SAN FRANCISCO, CA. 94117
 SEX: M HAIR: BRN EYES: BLU HEIGHT: 6'0" WEIGHT: 160 BIRTH-DATE: [REDACTED] RACE: W/
 INSURANCE CARRIER: 21ST CENTURY
 DIR OF TRAVEL: EB HAIGHT
 SPEED LIMIT: 3

PARTY 3
 DRIVER'S LICENSE NUMBER: [REDACTED]
 NAME (FIRST, MIDDLE, LAST): [REDACTED]
 STREET ADDRESS: [REDACTED]
 CITY/STATE/ZIP: [REDACTED]
 SEX: [REDACTED] HAIR: [REDACTED] EYES: [REDACTED] HEIGHT: [REDACTED] WEIGHT: [REDACTED] BIRTH-DATE: [REDACTED] RACE: [REDACTED]
 INSURANCE CARRIER: [REDACTED]
 DIR OF TRAVEL: [REDACTED]
 SPEED LIMIT: [REDACTED]

PREPARED BY: PIA DELANEY #4684
 DISPATCH NOTIFIED: YES NO N/A
 REVIEWER'S NAME: Sgt Ducas
 DATE REVIEWED: 09/21/10



SWITRS – Prior to 2013



Crossroads 2013 to 4/2018



Interim DB 5/2018 to YTD

Where does our collision data come from?

Interim DB Process

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL
TRAFFIC COLLISION REPORT
CHP 555 Page 1 (Rev. 4-11) CFI 000 - SFFD

Page 1 of 4

SPECIAL CONDITIONS		CITY	COUNTY	REPORTING DISTRICT	SEAT	DAY OF WEEK	TOW AWAY
		San Francisco	San Francisco	Northern	3E1C	S M T W T F S	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
COLLISION OCCURRED ON		REPORTING OFFICER	ADJUDICATING OFFICER	LOCAL REPORT NUMBER			
VAN NESS AVE		0		999999999			
MILEPOST INFORMATION		MO	DAY	YEAR	TIME (HRS)	NOIC#	OFFICER I.D.
				06/20/2019	1326	3801	244
LOCATION		GPS COORDINATES		COMPUTER ADDED DISPATCH NUMBER (CAD)		PHOTOGRAPHS BY	
				888888888		<input checked="" type="checkbox"/> NONE	
AT INTERSECTION WITH		STATE HWY REL.					
OR 14		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
PARTY 1		PARTY 2					
DRIVER'S LICENSE NUMBER		DRIVER'S LICENSE NUMBER					
JOHN DOE		JANE SMITH					
STREET ADDRESS		STREET ADDRESS					
123 FAKE STREET		555 MAIN STREET					
CITY/STATE/ZIP		CITY/STATE/ZIP					
SAN FRANCISCO, CA		SOUTH SAN FRANCISCO, CA					
SEX		SEX					
M		F					
HAIR		HAIR					
BRN		BRN					
EYES		EYES					
BRN		BRN					
HEIGHT		HEIGHT					
509		510					
WEIGHT		WEIGHT					
115		175					
BIRTHDATE		BIRTHDATE					
03/19/1992		02/17/1973					
FACE		FACE					
A		W					
DISPOSITION OF VEHICLE ON OR DERIVED OF		DISPOSITION OF VEHICLE ON OR DERIVED OF					
<input type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input type="checkbox"/> OTHER					
VEHICLE IDENTIFICATION NUMBER		VEHICLE IDENTIFICATION NUMBER					
555-555-5555		ADFSADFSAFDDASDF					
INSURANCE CARRIER		INSURANCE CARRIER					
PROGRESSIVE		PROGRESSIVE					
POLICY NUMBER		POLICY NUMBER					
999999999		999999999					
VEHICLE TYPE		VEHICLE TYPE					
60		01					
SPEED LIMIT		SPEED LIMIT					
UNION ST		VAN NESS AVE					
PARTY 3		PARTY 4					
DRIVER'S LICENSE NUMBER		DRIVER'S LICENSE NUMBER					
NAME (FIRST, MIDDLE, LAST)		NAME (FIRST, MIDDLE, LAST)					
STREET ADDRESS		STREET ADDRESS					
CITY/STATE/ZIP		CITY/STATE/ZIP					
SEX		SEX					
HAIR		HAIR					
EYES		EYES					
HEIGHT		HEIGHT					
WEIGHT		WEIGHT					
BIRTHDATE		BIRTHDATE					
FACE		FACE					
DISPOSITION OF VEHICLE ON OR DERIVED OF		DISPOSITION OF VEHICLE ON OR DERIVED OF					
<input type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input type="checkbox"/> OTHER		<input type="checkbox"/> OFFICER <input type="checkbox"/> DRIVER <input type="checkbox"/> OTHER					
VEHICLE IDENTIFICATION NUMBER		VEHICLE IDENTIFICATION NUMBER					
INSURANCE CARRIER		INSURANCE CARRIER					
POLICY NUMBER		POLICY NUMBER					
VEHICLE TYPE		VEHICLE TYPE					
SPEED LIMIT		SPEED LIMIT					
PREPARED BY		PREPARED BY					
N OFFICER		N OFFICER					
I.D. NUMBER		I.D. NUMBER					
244		244					
DISPATCH NOTIFIED		DISPATCH NOTIFIED					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A					
REVISOR'S NAME		REVISOR'S NAME					
DATE REVISION		DATE REVISION					

Add Party (Pages 1 and 2)

An Internationally Accredited Agency

Electronic "Fillable"
CHP 555 Traffic Collision Report

Where does our collision data come from?

Interim DB Process

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL
TRAFFIC COLLISION REPORT
CHP 555 Page 1 (Rev. 4-11) OPI 060 - SFPD 2.0

Save Local Copy

Save For Sergeant
Review

Add Review Signature
and Approve

SFPD Page 1 of 4

SPECIAL CONDITIONS

NUMBER
INJURED

HIT & RUN
FELONY

CITY

JUDICIAL DISTRICT

LOCAL REPORT NUMBER

**OFFICER SAVES EDITABLE COPY FOR SERGEANT TO REVIEW
IN STATION FOLDER.**

Shares > NetResource > collision reports

Name

1. For Review

2. Approved

**SERGEANT ADDS SIGNATURE, THE REPORT IS PROTECTED FROM
FURTHER EDITS, AND SAVED TO APPROVED FOLDER FOR COMPANY.**

Network > sflen.org > Shares > NetResource > collision reports > 2. Approved

Name

- Co.A-Central-Approved
- Co.B-Southern-Approved
- Co.C-Bayview-Approved
- Co.D-Mission-Approved
- Co.E-Northern-Approved
- Co.F-Park-Approved
- Co.G-Richmond-Approved
- Co.H-Ingleside-Approved
- Co.I-Taraval-Approved
- Co.J-Tenderloin-Approved
- Co.K-Traffic-Approved

Where does our collision data come from?

Interim DB Process

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA REGISTRATION PATROL
TRAFFIC COLLISION REPORT
SFP 555 Page 1 (Rev. 4.11.01) (CP 005 - 9999)

REPORT NUMBER: 99999999
REPORT DATE: 06/30/2019
REPORT TIME: 1136
REPORT OFFICER: 1801 244

LOCATION: VAN NESS AVE
SAN FRANCISCO, CA
123 FAKE STREET
SAN FRANCISCO, CA
155 MAIN STREET
SOUTH SAN FRANCISCO, CA
666-666-6666
PROGRESSIVE
VAN NESS AVE

DRIVER 1: JOHN DOE
DRIVER 2: JANE SMITH
DRIVER 3: JANE SMITH
DRIVER 4: JANE SMITH
DRIVER 5: JANE SMITH
DRIVER 6: JANE SMITH
DRIVER 7: JANE SMITH
DRIVER 8: JANE SMITH
DRIVER 9: JANE SMITH
DRIVER 10: JANE SMITH

VEHICLE 1: 2009 SUBARU/IMP/DR GRAY
VEHICLE 2: 2009 SUBARU/IMP/DR GRAY
VEHICLE 3: 2009 SUBARU/IMP/DR GRAY
VEHICLE 4: 2009 SUBARU/IMP/DR GRAY
VEHICLE 5: 2009 SUBARU/IMP/DR GRAY
VEHICLE 6: 2009 SUBARU/IMP/DR GRAY
VEHICLE 7: 2009 SUBARU/IMP/DR GRAY
VEHICLE 8: 2009 SUBARU/IMP/DR GRAY
VEHICLE 9: 2009 SUBARU/IMP/DR GRAY
VEHICLE 10: 2009 SUBARU/IMP/DR GRAY

OFFICER: 244

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA REGISTRATION PATROL
TRAFFIC COLLISION REPORT
SFP 555 Page 1 (Rev. 4.11.01) (CP 005 - 9999)

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LOCATION: VAN NESS AVE
SAN FRANCISCO, CA
123 FAKE STREET
SAN FRANCISCO, CA
155 MAIN STREET
SOUTH SAN FRANCISCO, CA
666-666-6666
PROGRESSIVE
VAN NESS AVE

DRIVER 1: JOHN DOE
DRIVER 2: JANE SMITH
DRIVER 3: JANE SMITH
DRIVER 4: JANE SMITH
DRIVER 5: JANE SMITH
DRIVER 6: JANE SMITH
DRIVER 7: JANE SMITH
DRIVER 8: JANE SMITH
DRIVER 9: JANE SMITH
DRIVER 10: JANE SMITH

VEHICLE 1: 2009 SUBARU/IMP/DR GRAY
VEHICLE 2: 2009 SUBARU/IMP/DR GRAY
VEHICLE 3: 2009 SUBARU/IMP/DR GRAY
VEHICLE 4: 2009 SUBARU/IMP/DR GRAY
VEHICLE 5: 2009 SUBARU/IMP/DR GRAY
VEHICLE 6: 2009 SUBARU/IMP/DR GRAY
VEHICLE 7: 2009 SUBARU/IMP/DR GRAY
VEHICLE 8: 2009 SUBARU/IMP/DR GRAY
VEHICLE 9: 2009 SUBARU/IMP/DR GRAY
VEHICLE 10: 2009 SUBARU/IMP/DR GRAY

OFFICER: 244

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA REGISTRATION PATROL
TRAFFIC COLLISION REPORT
SFP 555 Page 1 (Rev. 4.11.01) (CP 005 - 9999)

REPORT NUMBER: 99999999
REPORT DATE: 06/30/2019
REPORT TIME: 1136
REPORT OFFICER: 1801 244

LOCATION: VAN NESS AVE
SAN FRANCISCO, CA
123 FAKE STREET
SAN FRANCISCO, CA
155 MAIN STREET
SOUTH SAN FRANCISCO, CA
666-666-6666
PROGRESSIVE
VAN NESS AVE

DRIVER 1: JOHN DOE
DRIVER 2: JANE SMITH
DRIVER 3: JANE SMITH
DRIVER 4: JANE SMITH
DRIVER 5: JANE SMITH
DRIVER 6: JANE SMITH
DRIVER 7: JANE SMITH
DRIVER 8: JANE SMITH
DRIVER 9: JANE SMITH
DRIVER 10: JANE SMITH

VEHICLE 1: 2009 SUBARU/IMP/DR GRAY
VEHICLE 2: 2009 SUBARU/IMP/DR GRAY
VEHICLE 3: 2009 SUBARU/IMP/DR GRAY
VEHICLE 4: 2009 SUBARU/IMP/DR GRAY
VEHICLE 5: 2009 SUBARU/IMP/DR GRAY
VEHICLE 6: 2009 SUBARU/IMP/DR GRAY
VEHICLE 7: 2009 SUBARU/IMP/DR GRAY
VEHICLE 8: 2009 SUBARU/IMP/DR GRAY
VEHICLE 9: 2009 SUBARU/IMP/DR GRAY
VEHICLE 10: 2009 SUBARU/IMP/DR GRAY

OFFICER: 244

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA REGISTRATION PATROL
TRAFFIC COLLISION REPORT
SFP 555 Page 1 (Rev. 4.11.01) (CP 005 - 9999)

REPORT NUMBER: 99999999
REPORT DATE: 06/30/2019
REPORT TIME: 1136
REPORT OFFICER: 1801 244

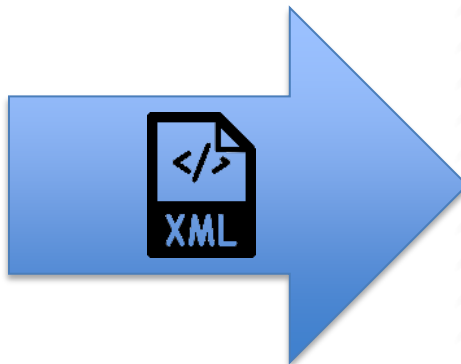
LOCATION: VAN NESS AVE
SAN FRANCISCO, CA
123 FAKE STREET
SAN FRANCISCO, CA
155 MAIN STREET
SOUTH SAN FRANCISCO, CA
666-666-6666
PROGRESSIVE
VAN NESS AVE

DRIVER 1: JOHN DOE
DRIVER 2: JANE SMITH
DRIVER 3: JANE SMITH
DRIVER 4: JANE SMITH
DRIVER 5: JANE SMITH
DRIVER 6: JANE SMITH
DRIVER 7: JANE SMITH
DRIVER 8: JANE SMITH
DRIVER 9: JANE SMITH
DRIVER 10: JANE SMITH

VEHICLE 1: 2009 SUBARU/IMP/DR GRAY
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VEHICLE 5: 2009 SUBARU/IMP/DR GRAY
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VEHICLE 7: 2009 SUBARU/IMP/DR GRAY
VEHICLE 8: 2009 SUBARU/IMP/DR GRAY
VEHICLE 9: 2009 SUBARU/IMP/DR GRAY
VEHICLE 10: 2009 SUBARU/IMP/DR GRAY

OFFICER: 244

SFPD Analyst



Interim DB

Where does our collision data come from?

Interim DB Process



STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL
TRAFFIC COLLISION REPORT
C-IP 555 Page 1 (Rev. 4-11) CPI 000 - SFPO

Page 1 of 4

SECTION CONDITIONS

REPORTING DISTRICT: SF Superior Court
COUNTY: San Francisco
REPORTING DISTRICT: Northern
SECTION: 3E1C
DATE OF WRIT: S M T W T F S
TOW AWAY: YES NO

LOCATION

COLLISION OCCURRED ON: VAN NESS AVE
REPORT INFORMATION: 06/20/2019 1326
OFFICER ID: 3801 244
COMPUTER ADDED DISPATCH NUMBER: 88888888

PARTY 1

NAME (FIRST, MIDDLE, LAST): JOHN DOE
STREET ADDRESS: 123 FAKE STREET
CITY: SAN FRANCISCO, CA
STATE: CA
ZIP: 94102
PHONE: 555-555-5555

PARTY 2

NAME (FIRST, MIDDLE, LAST): JANE SMITH
STREET ADDRESS: 555 MAIN STREET
CITY: SOUTH SAN FRANCISCO, CA
STATE: CA
ZIP: 94080
PHONE: 666-666-6666

PARTY 3

NAME (FIRST, MIDDLE, LAST): N OFFICER
STREET ADDRESS: VAN NESS AVE
CITY: SAN FRANCISCO, CA
STATE: CA
ZIP: 94133
PHONE: 999-999-9999

VEHICLE INFORMATION

VEHICLE IDENTIFICATION NUMBER: 2009 SUBARU/MP/DK GRAY
VEHICLE TYPE: LJK NONE MINOR
DISPOSITION OF VEHICLE OR OWNERS OF: OFFICER DRIVER OTHER

PREPARED BY: N OFFICER
DATE RECORDED: 244



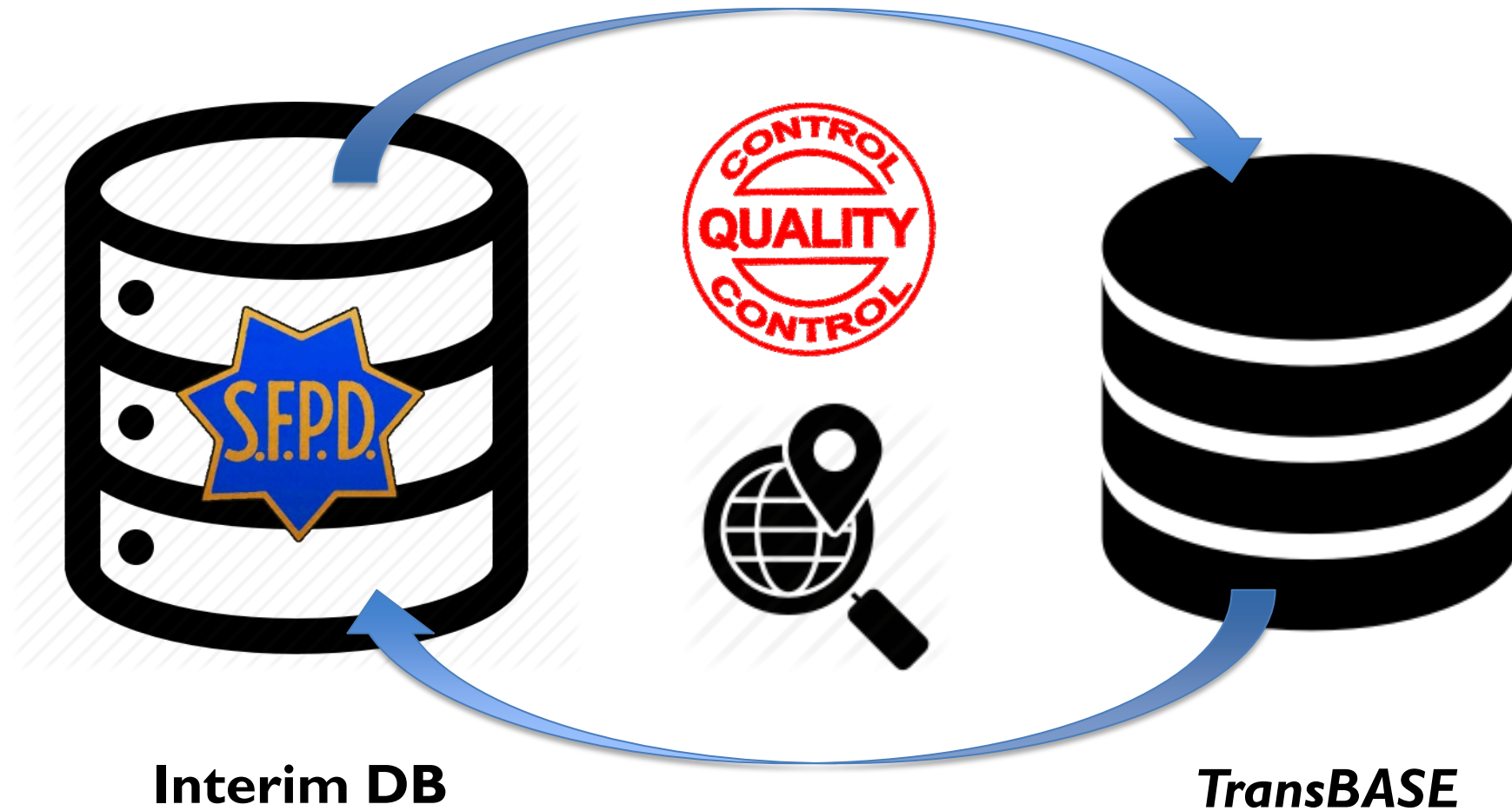
Records Management Unit



Station Records

Where does our collision data come from?

Interim DB Process



transbase-internal.sfgov.org

Internal – SFMTA and SFDPH only

Updated quarterly by end of following month (data up to 6/30/2021)

Includes full police reports

transbase.sfgov.org

External – General public

Updated quarterly but lagged one quarter (data up to 3/31/2021)

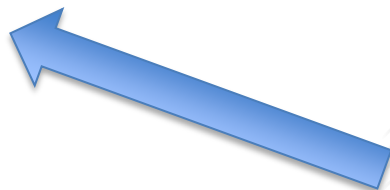
No access to police reports

Where does our collision data come from?

TISS Process



Transportation Injury Surveillance System (TISS)



Interim DB



TransBASE



Police Definition: Visual Assessment

b. Severe Injury. An injury, other than a fatal injury, that includes the following:

- (1) Broken or fractured bones.
- (2) Dislocated or distorted limbs.
- (3) Severe lacerations.
- (4) Skull, spinal, chest or abdominal injuries that go beyond "Other Visible Injuries."
- (5) Unconsciousness at or when taken from the collision scene.
- (6) Severe burns.

Different Severe Injury Definitions

Consistent with:

- American College of Surgeons
- National Trauma Data Bank
- California Dept. of Public Health
- World Health Organization



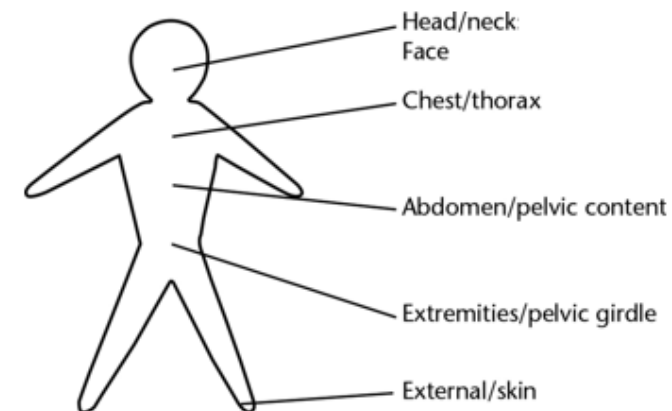
Hospital-Based Definition: Clinical Examination

Severe Injury:

Admitted to ZSFGH

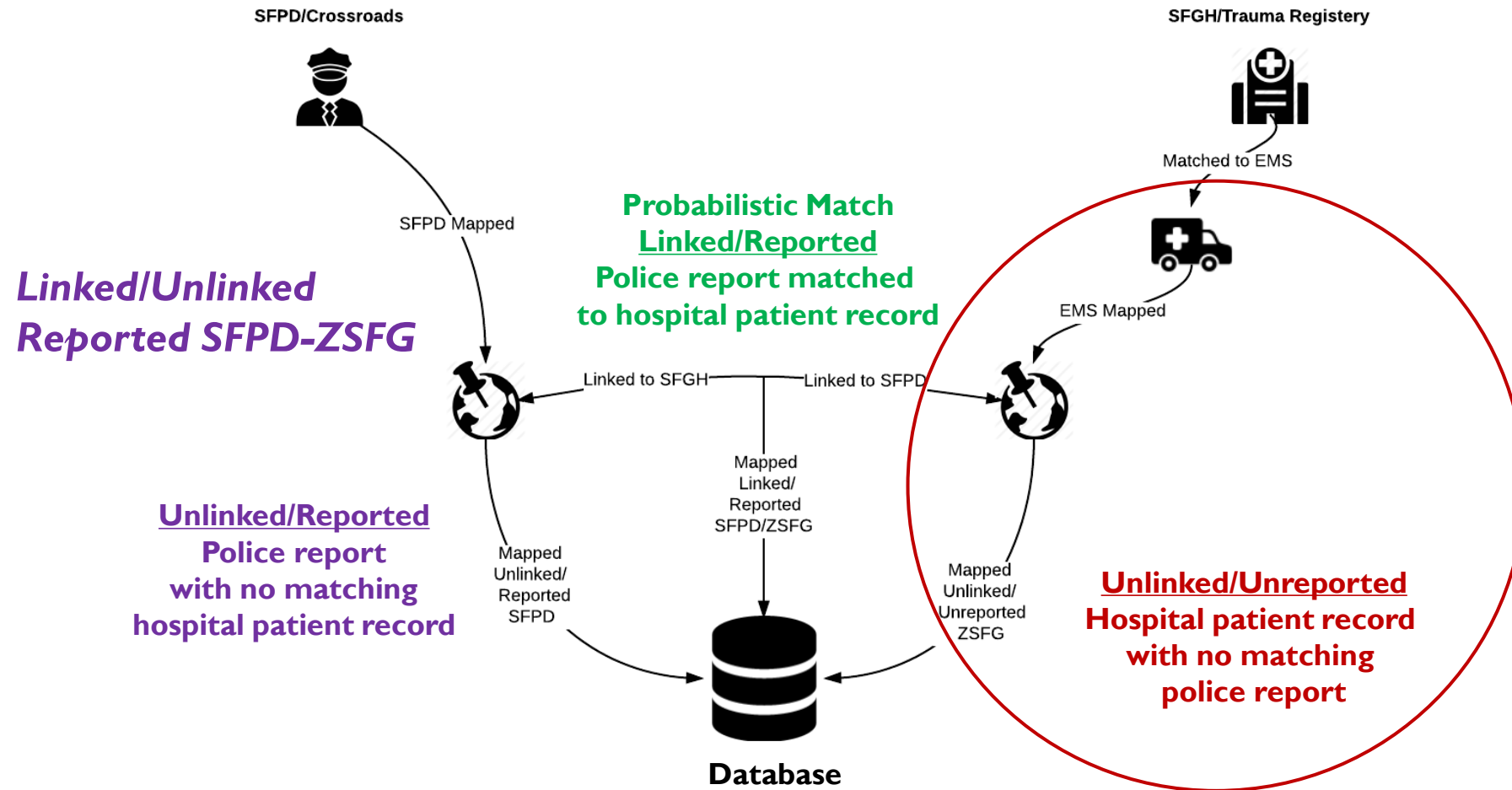
and/or

Injury Severity Score (ISS) > 15*



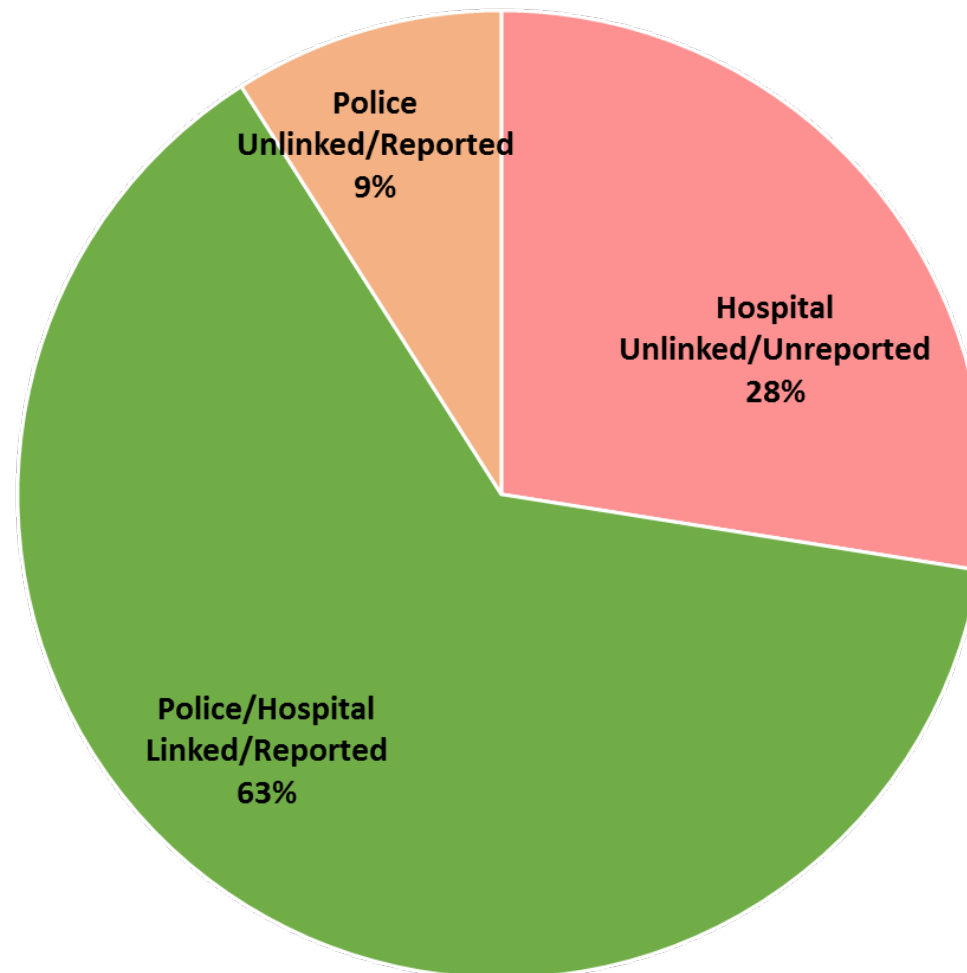
* Injury Severity Scoring (ISS) correlates linearly with mortality, morbidity, hospital stay and other measures of severity.

Linking Zuckerberg SF General Hospital and Police Data



High Injury Network: Final Breakdown of Severe and Fatal Injuries by Data Source (2013-2015)

Severe/Fatal Injuries by Data Source, N=1,494



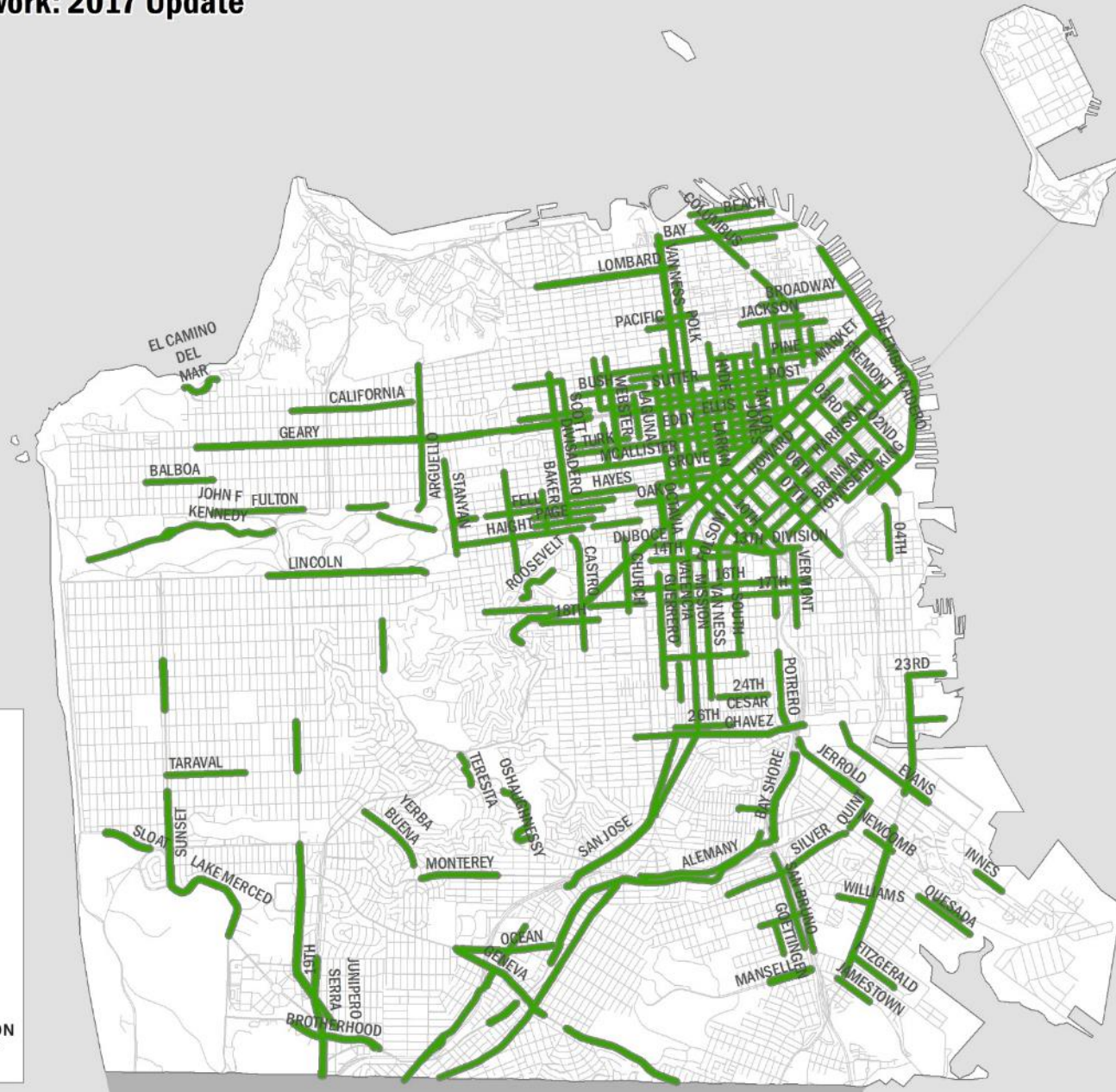
Vision Zero High Injury Network: 2017 Update San Francisco, California

— 2017 VZ High Injury Network

0 0.5 1 2
Miles

Source: SFPD 2013-2015; ZSFG 2013-2015
City and County of San Francisco Department of Public Health: Environmental Health Program on Health, Equity, and Sustainability - www.sfphe.org

VISION ZERO SF



Collision Details:
 Collision Case ID: 10000410
 Collision Year: 2019
 Collision Date: 12/26/2019
 Collision Time: 10:40
 Primary Road: HAYWARD ST
 Secondary Road: STOCKTON ST
 Distance: 0
 Direction: Not Stated
 RCF: Notation: CVT (19000)
 RCF Description: Driver or bicyclist yields right of way at intersection
 Parties Involved: Vehicle-Pedestrian
 Highest Degree of Injury in Collision: Other
 Number Killed: 0
 Number Injured: 1
 Type of Collision: Vehicle-Pedestrian
 Motor Vehicle Involved: Motor Vehicle
 Pedestrian Action: Crossing at Crosswalk at Intersection
 Weather: Clear
 Control Device: Functioning
 Road Surface: Dry
 Lighting: Daylight
 Intersection Type: Geographic Boundary
 Number of Reports: 1
 Vehicle Brand: Toyota
 Google Street View

Total Fatal Collisions

Year	Count of Collisions
2016	1
2017	1
2018	1
2019	3
2020	0

Total Injury Collisions

Year	Count of Collisions
2016	37
2017	50
2018	48
2019	43
2020	43

TransBASE Dashboard

transbase.sfgov.org

Location	Count of Fatalities	Count of Collisions	Count of Victims
COLUMBUS AVE at PILBERT ST at VIA BURWALD	0	10	13
CLAY ST at MONTGOMERY ST	0	2	2
COLUMBUS AVE at MONTGOMERY ST at WASHINGTON ST	0	3	10
KILBURY ST at SACRAMENTO ST	0	6	11
COLUMBUS AVE at GREEN ST at STOCKTON ST	0	0	6
SACRAMENTO ST at STOCKTON ST at STOCKTON TURN	0	7	12
CLAY ST at SUNSHINE ST	0	5	7

Case ID	Number of Reports	Report Link	Collision Date	Collision Time	Time Category	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party at Fault	Party 1 Type	Party 1 Direction of Travel
10008306	1	https://internal-transbase.sfgov.org/dashboard/reports/2019/10008306.pdf	12/26/2019	07:16	0:01 am to 10:00 am	Thursday	SANFORD ST	CLAY ST	0	Not Stated	Party 1	Driver	North

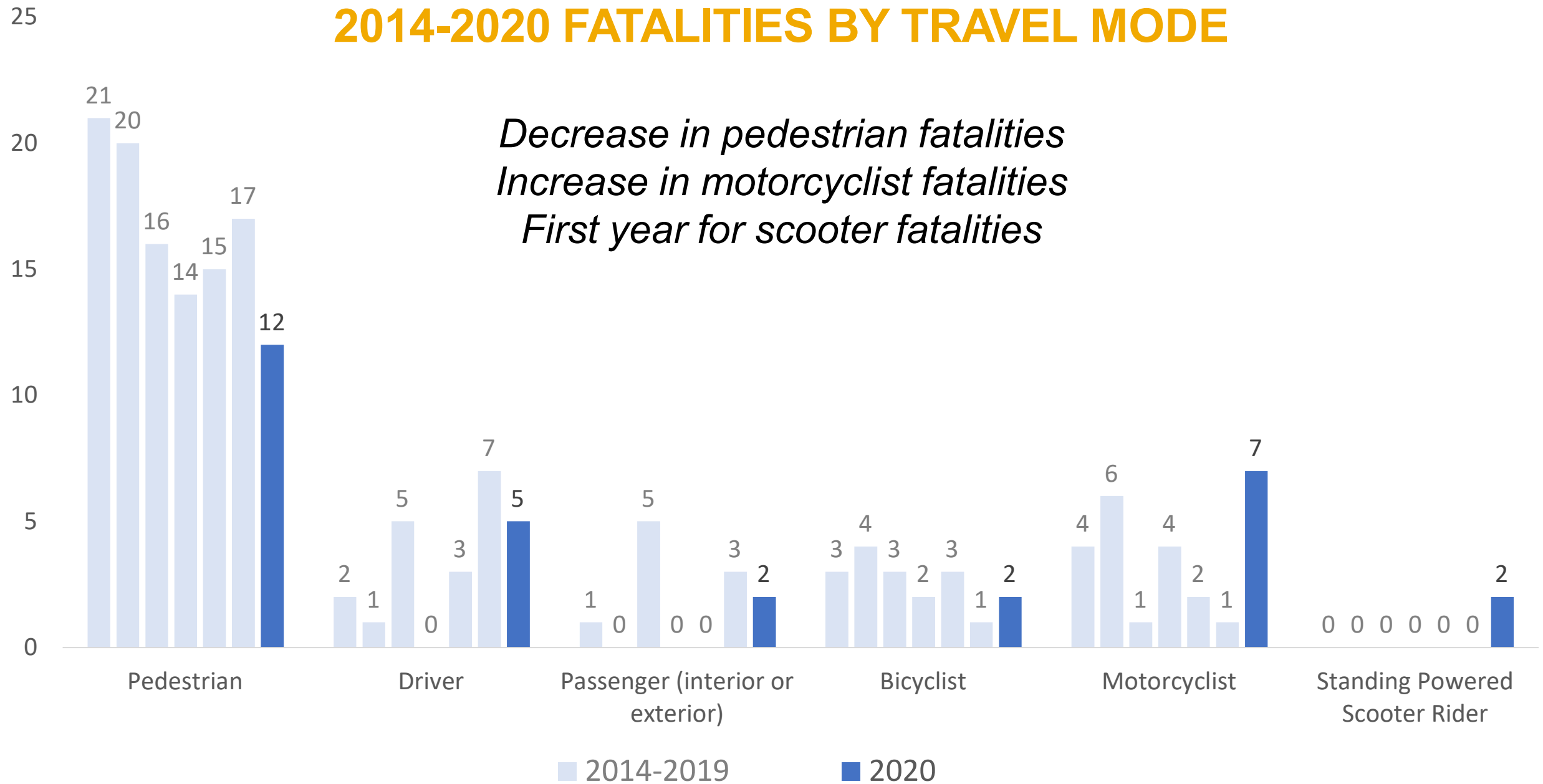
Party Number	Party Type	Direction of Travel	Street of Travel	Movement Preceding Collision	Party Gender	Age	Party Age	Party Sobriety	Party Drugs	Safety Equipment 1	Safety Equipment 2	Insurance
1	Driver	North	SANFORD ST	Proceeding Straight	Female	22	Had Not Been Drinking	Not Stated	Not Stated	Air Bag Deployed	Lap/Shoulder Harness Used	No Proof of Obtained
2	Driver	East	CLAY ST	Proceeding Straight	Female	39	Had Not Been Drinking	Not Stated	Not Stated	Air Bag Not Deployed	Lap/Shoulder Harness Used	Yes Proof of Obtained

Victim Party Number	Victim Role	Victim Gender	Victim Age	Victim Degree of Injury	Victim Seating Position	Safety Equipment 1	Safety Equipment 2	Ejector
2	Passenger	Not Stated	55	Complaint of Pain	Station Wagon Rear	Not Required	None in Vehicle	Not Ex

***SAFE STREETS* – USING
DATA TO INFORM
INVESTMENTS**



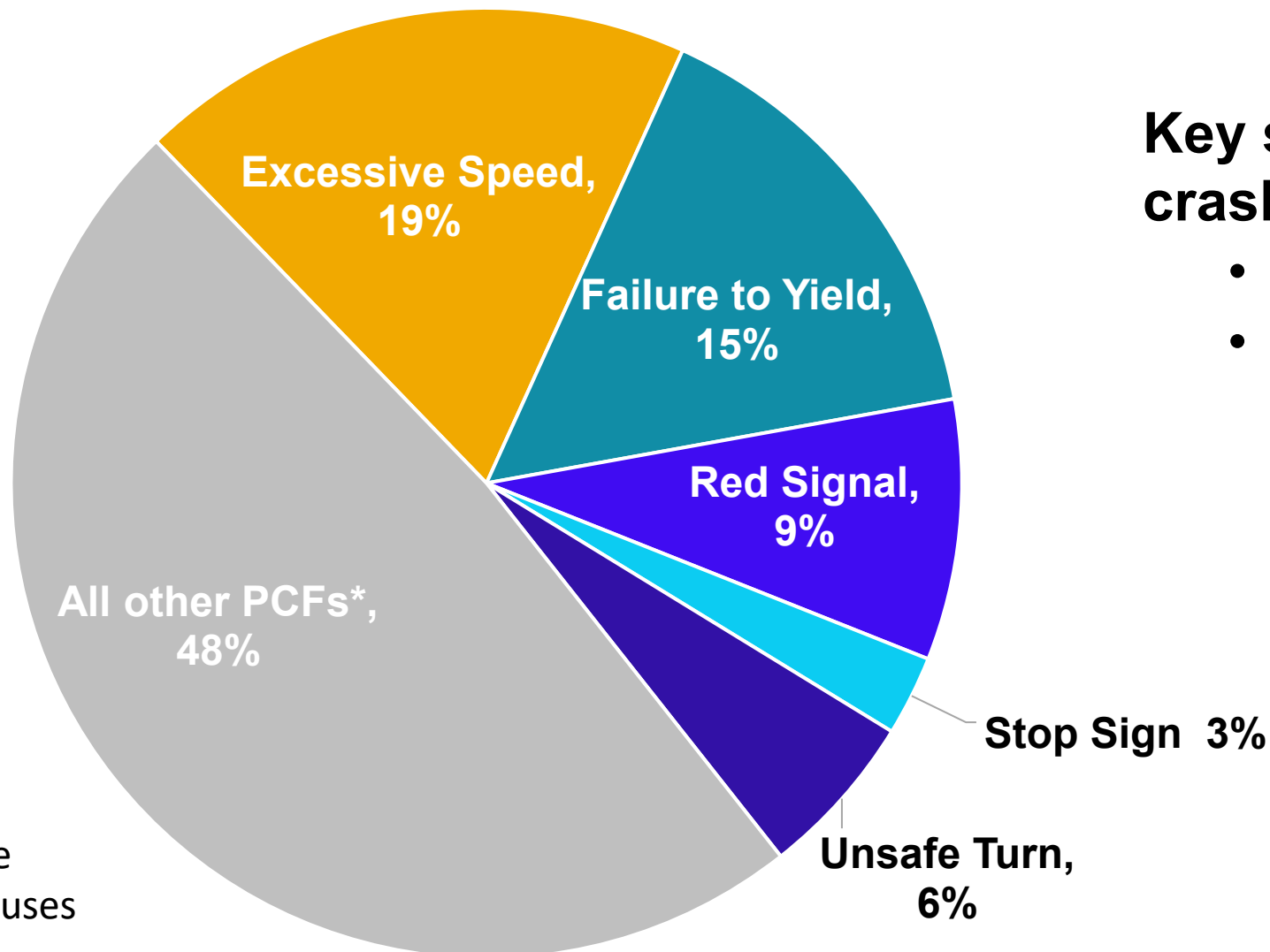
2014-2020 FATALITIES BY TRAVEL MODE



Note: Traffic fatality totals are susceptible to random variation. Year-to-year changes may thus be due to chance.

CRASH TRENDS: PRIMARY CAUSES

Severe and Fatal Injury Crashes by Primary Collision Factor, 2014-2020



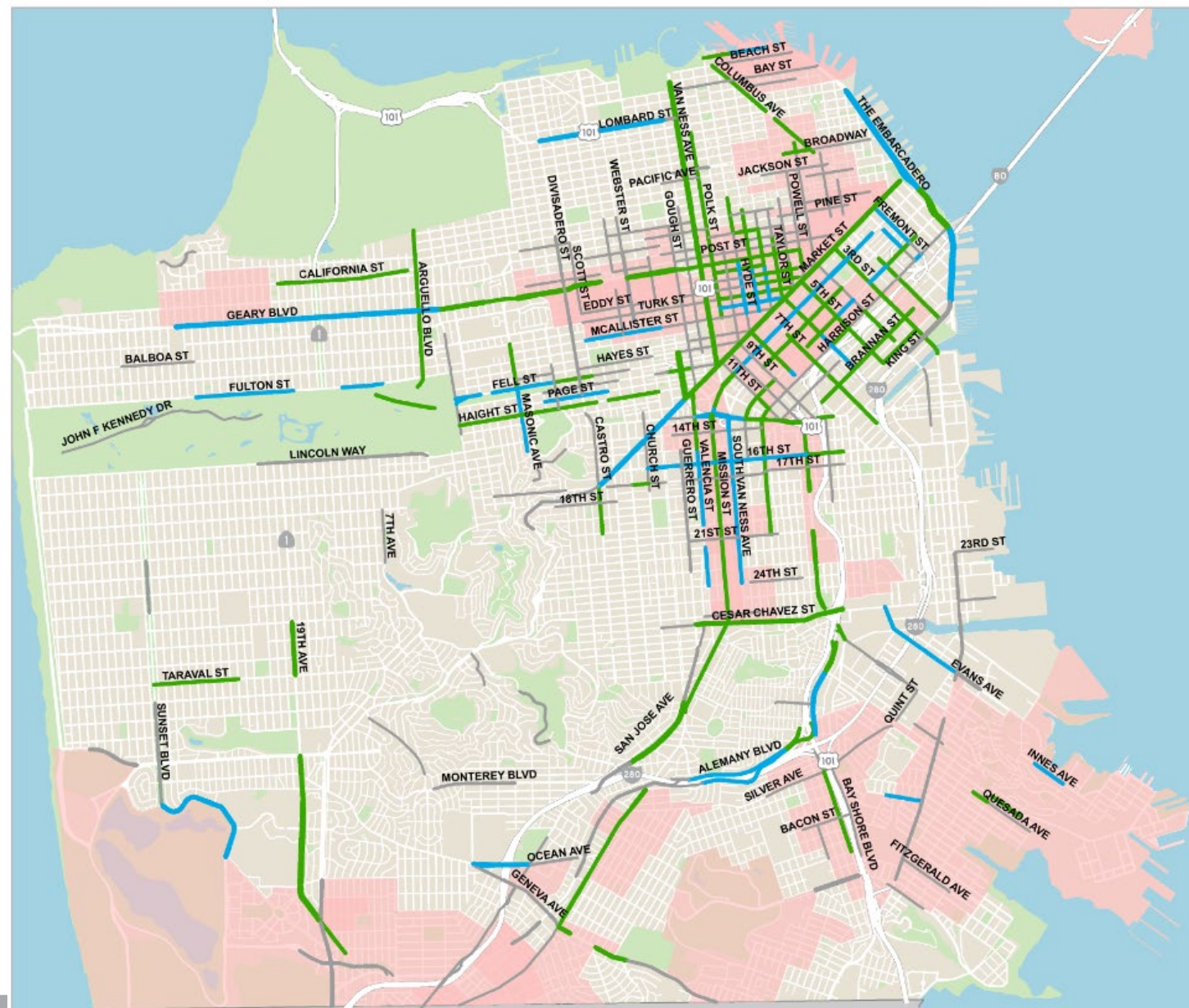
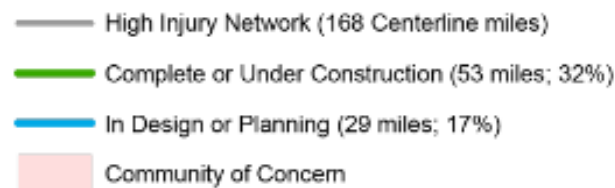
*98 Unique
Primary Causes

Key strategies to address crash factors:

- Slowing Vehicle Speeds
- Creating Safer Crossings

FOCUSED CORRIDOR WORK ON THE HIGH INJURY NETWORK

- **55 Miles** Complete or In Construction
- **29 Miles** in Design or Planning



PROVEN TOOLS FOR SLOWING VEHICLE SPEEDS



QUICK BUILD PROGRAM



TRAFFIC CALMING PROGRAM



SPEED LIMIT REDUCTIONS



HIGH VISIBILITY ENFORCEMENT

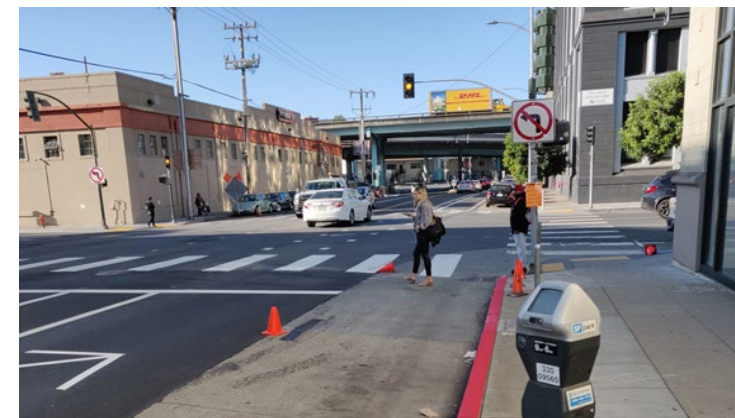
PROVEN PROGRAMMATIC TOOLS FOR SAFER CROSSINGS



Slower Walking Speeds



Left Turn Traffic Calming



Daylighting



Continental Crosswalks



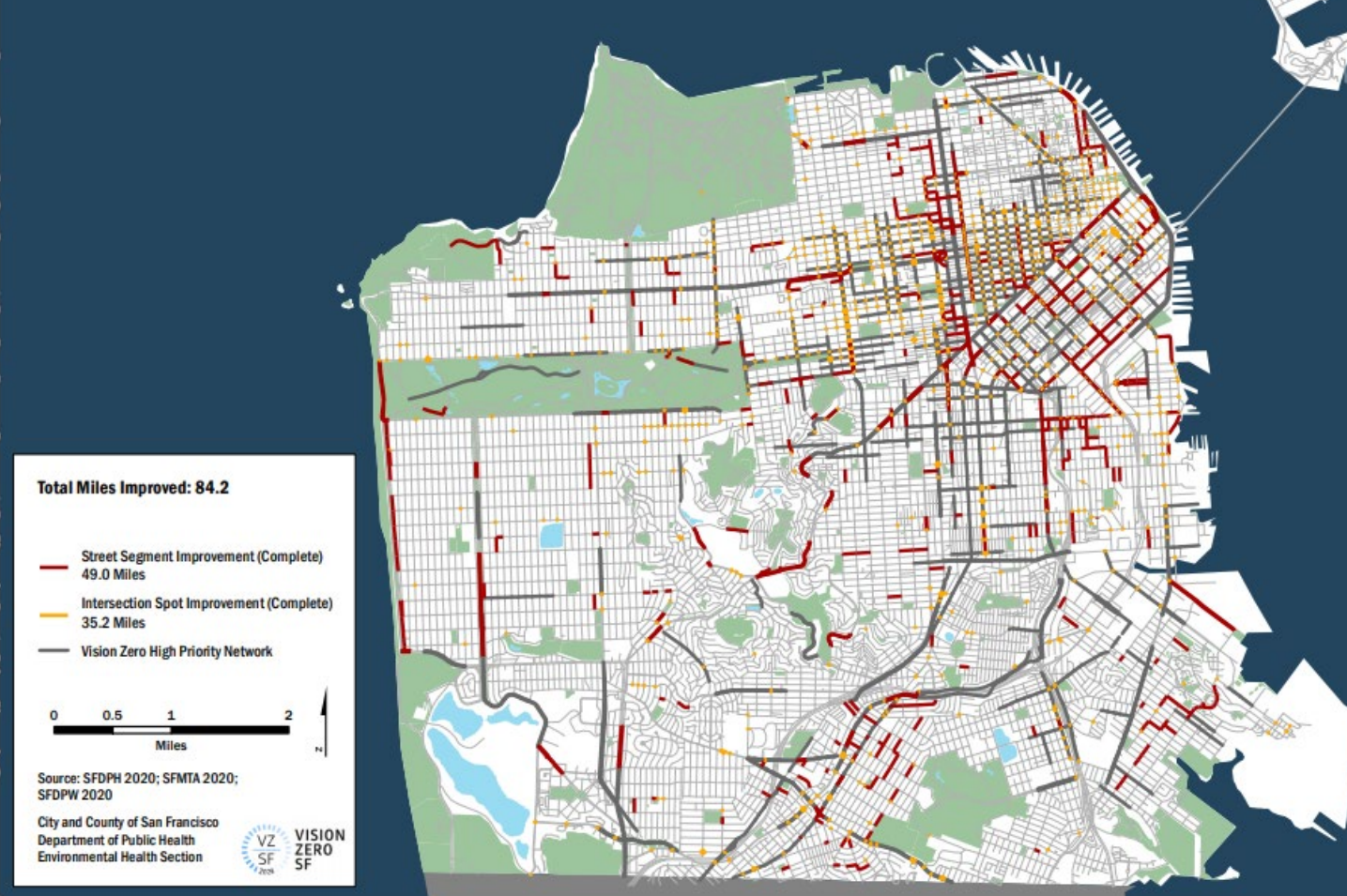
Leading Pedestrian Intervals



Painted Safety Zones

CITYWIDE PROGRAMMATIC TREATMENTS – APPLYING TOOLS NETWORKWIDE

Traffic Safety Projects: San Francisco, California
2020 Completed Citywide Engineering Projects



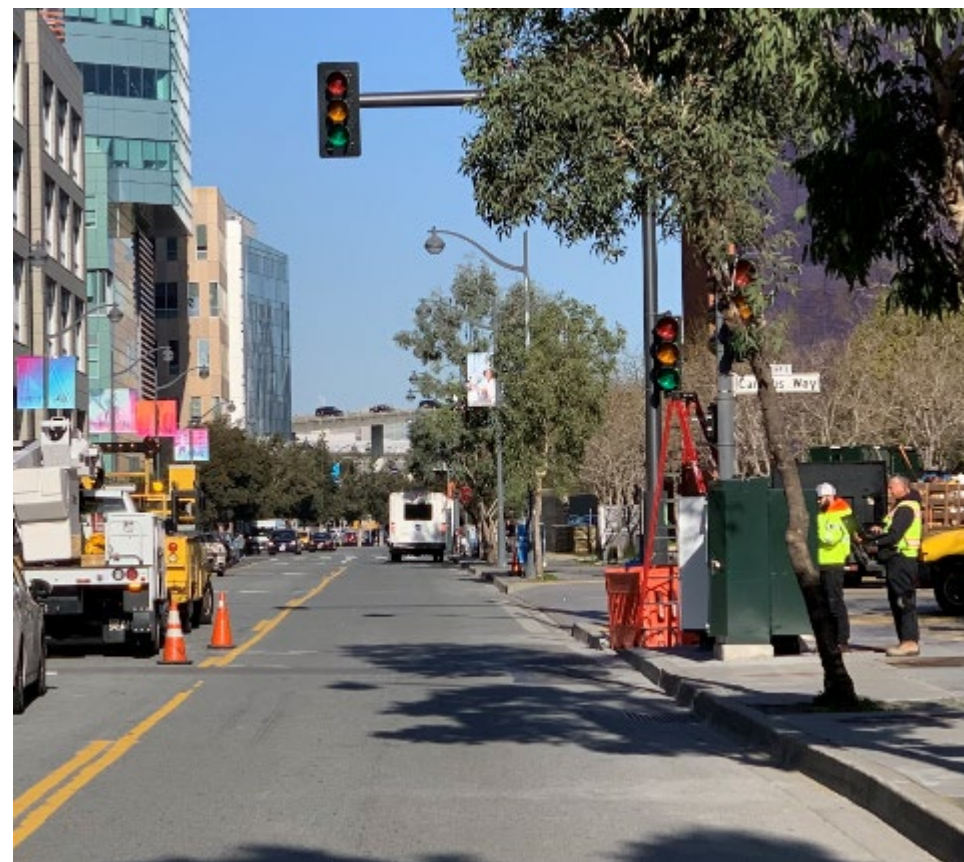
RAPID RESPONSE TO FATAL CRASHES

1. SFPD informs SFMTA staff of any fatal crashes or severe crashes that may result in a death.
2. SFMTA investigates location of crash and evaluates any immediate maintenance or operational changes that can be done.
3. SFMTA evaluates possible longer-term changes that may require additional resources or time.



RESPONSE TO REQUESTS AND NEW CRASH DATA

- **SFMTA uses latest Transbase data on safety analysis a result of constituent requests for:**
 - Traffic calming
 - STOP and other regulatory signs
 - Signal retiming and new signals
 - Other safety modifications to streets
- **SFMTA uses latest Transbase data to prioritize capital investments, prioritizing those locations with highest or most severe crash trends.**





Thank you!

VISIONZEROSF.ORG

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