

Joppa Environmental Health Project 2020-2023

West Dallas Environmental Health Project 2024

Results for Joppa and Singleton Corridor Health Surveys
and SharedAirDFW.com PM 2.5 monitoring
during the survey period.

Texas A&M, Downwinders at Risk, Justice for Joppa/Justicia para Joppa, Singleton United/Unidos

Joppa

EPA EJ SCORE

PM 2.5 Exposure
Worst 11%

Air Toxics Cancer Risk
Worst 12%

Air Toxics
Respiratory
Worst 12%

51% participation rate

DEMOGRAPHICS

57% Female
65% Black
30% Latine
32% age 35-49
69% Never Smoked
44% Overweight (BMI)

PERCEPTIONS

62%
Air quality is Poor or
Very Poor

83%
Air pollution makes me
and my family sick

Singleton Corridor

EPA EJ SCORE

PM 2.5 Exposure
Worst 3%

Air Toxics Cancer Risk
Worst 4%

Air Toxics
Respiratory
Worst 3%

38% participation rate

DEMOGRAPHICS

61% Female
72% Black
13% Latine
35% age 65 or above
59% Never Smoked
60% Overweight (BMI)

PERCEPTIONS

60%
Air quality is Poor or
Very Poor

84%
Air pollution makes me
and my family sick

Joppa

SOURCES

93%

Nearby industries
impact health

58%

Exposed to heavy traffic

78%

High or very high
exposure to factories

82%

Reported heavy
pollution by trains

40%

Avoid exercising because
of air pollution

SYMPTOMS

25%

Wheezing w/o a cold

17%

Cough

17%

Cough w/ Phlegm

17%

Respiratory Disease in
last 12 months

Singleton Corridor

SOURCES

84%

Nearby industries
impact health

59%

Exposed to heavy traffic

79%

High or very high
exposure to factories

66%

Reported heavy
pollution by trains

61%

Avoid exercising because
of air pollution

SYMPTOMS

35%

Wheezing w/o a cold

50%

Cough

48%

Cough w/ Phlegm

41%

Respiratory Disease in
last 12 months

Joppa

ASTHMA and COPD

18%
Lifetime Asthma Rate

35%
at Medium or High Risk
of COPD

CANCER
10%

HEART DISEASE
4.5%

STROKE
4%

DIABETES
11.5%

**UNHEALTHY
PREGNANCIES**
(3%)

CHILDHOOD LEAD
2%

AIR MONITORING

Hinton Street high : 26 ug/m³
SharedAir DFW high : 56-71
ug/m³

PM Levels were 2-3 times
higher than Hinton Street

EPA daily standard
exceeded 24 times

Singleton Corridor

ASTHMA and COPD

34%
Lifetime Asthma Rate

14%
at Medium or High Risk
of COPD

CANCER
32%

HEART DISEASE
29%

STROKE
27%

DIABETES
43%

**UNHEALTHY
PREGNANCIES**
29%

CHILDHOOD LEAD
24%

AIR MONITORING

Hinton Street: Range from 1.7 - 19 ug/m³
SharedAir DFW: Range from 6.7 - 222 ug/m³

PM levels were 11 times higher
than Hinton Street

EPA daily standard
exceeded 35 times