

INTISARI

HUBUNGAN ANTARA TINGKAT PENCEMARAN POLUSI UDARA TERHADAP STRES PADA PEDAGANG KAKI LIMA (PKL) DI JALAN SLAMET RIYADI SURAKARTA

Abi Rochman Arif¹, Fitri Budi Astuti², Ahmad Syamsul B³.

Latar Belakang: Peningkatan jumlah pengguna kendaraan bermotor dapat berakibat semakin padatnya arus lalu lintas. Kemacetan akan menimbulkan berbagai dampak negatif, baik bagi pengemudinya sendiri dan lingkungan sekitar. Kemacetan akan menimbulkan ketegangan (stress), sedangkan dampak negatif terhadap lingkungan yaitu berupa polusi udara dan gangguan suara kendaraan / kebisingan

Tujuan: Untuk mengetahui hubungan antara tingkat pencemaran polusi udara terhadap stres pada Pedagang Kaki Lima (PKL) di sepanjang jalan Slamet Riyadi Surakarta.

Metode: Jenis penelitian survei yang bersifat analitik dengan metode pendekatan *cross sectional*. Penelitian dilakukan di sepanjang Jalan Slamet Riyadi Surakarta. Populasi penelitian ini adalah seluruh Pedagang Kaki Lima (PKL) di sepanjang Jalan Slamet Riyadi Surakarta sebanyak 185 orang. Teknik pengambilan sampel menggunakan *purposive sampling*, diperoleh sampel sebanyak 65 responden. Teknik pengumpulan data menggunakan kuesioner *Depression Anxiety And Stress Scale* (DASS). Pengukuran polusi udara menggunakan alat ukur *Ambient Air Monitoring*. Teknik analisis yang digunakan korelasi *Spearman rank*.

Hasil : 1) Tingkat pencemaran polusi udara di sepanjang jalan Slamet Riyadi Surakarta dengan alat ukur *Ambient Air Monitoring* diketahui masih di bawah baku mutu; 2) Stres pada Pedagang Kaki Lima (PKL) di sepanjang jalan Slamet Riyadi Surakarta sebagian besar termasuk kategori ringan yaitu 39 responden (60,0%) dan 3) Ada hubungan antara tingkat pencemaran polusi udara terhadap stres dengan *p value* 0,000

Kesimpulan : Ada hubungan antara tingkat pencemaran polusi udara terhadap stres pada Pedagang Kaki Lima (PKL) di sepanjang jalan Slamet Riyadi Surakarta.

Kata kunci : Pencemaran Polusi Udara, Stress, Pedagang Kaki Lima

¹ Mahasiswa Program Studi Ilmu Keperawatan Universitas Sahid Surakarta

² Dosen Program Studi Ilmu Keperawatan Universitas Sahid Surakarta

³ Dosen Program Studi Ilmu Keperawatan Universitas Sahid Surakarta

ABSTRACT

RELATIONSHIP BETWEEN THE POLLUTION LEVELS OF STRESS ON AIR POLLUTION STREET VENDORS ON THE ROAD SLAMET RIYADI SURAKARTA

Tri Handayani¹, Fitri Budi Astuti², Rif Atiningtyas Haris³.

Background. An increasing number of motorists could result in more dense traffic flow that can result in increased pollution of air pollution and health problems such as stress. For that we need the handling by the Department of Transportation to manage the flow of traffic in order to minimize the level of congestion and air pollution mitigation.

Objective. To determine the relationship between pollution levels of air pollution to stress on street vendors (PKL) along the road Slamet Riyadi Surakarta.

Method: Analytic survey with cross sectional method. The study was conducted street vendors on the road Slamet Riyadi Surakarta. The study population was the whole street vendors along Slamet Riyadi Surakarta as many as 185 people. The sampling technique used purposive sampling, obtained a sample of 65 respondents. Data collection techniques using questionnaires *Depression And Anxiety Stress Scale* (DASS). Air pollution measurements using a measuring instrument Ambient Air Monitoring. The analysis technique used Spearman rank correlation.

Results: 1) The level of pollution of air pollution along the road Slamet Riyadi Surakarta with Ambient Air Monitoring measuring devices are known to be below the quality standard; 2) Stress on street vendors (PKL) along the road Slamet Riyadi Surakarta mostly include mild category is 39 respondents (60.0%) and 3) There is a relationship between pollution levels of air pollution to stress with p value 0.000

Conclusion: There is a relationship between pollution levels of air pollution to stress on street vendors on the road Slamet Riyadi Surakarta.

Keywords : Pollution Pollution, Stress , Street Vendors

¹Student at the Study Program of Nursing Science of Sahid University of Surakarta

²Lecturer at the Study Program of Nursing Science of Sahid University of Surakarta

³Lecturer at the Study Program of Nursing Science of Sahid University of Surakarta