2009, a period that was conducted to collect data. Through a quantitative approach, number of fundamental importance to this study, because through their meanings becomes profitable and easy to control. The results show that 13 patients had 40 to 60 years of age and 14 were between 10 and 39 years, 70% were female and the majority consisted of low-income people and poor literacy. Of the patients, 70% were paucibacillary and multibacillary remaining 30%. The results indicate that patients with leprosy showed the need for educational interventions to prevent and knowledge of the disease and also actions aimed at planning assistance to leprosy patients were included in these lawsuits nursing care.

**Objective**

To obtain national estimates of annual cumulative incidence of severe non-fatal injuries using compensation benefits data from the Brazilian National Social Security Institute (INSS), and to describe their socio-demographic distribution among workers under age 25.

**Methods**

Data are records of health-related compensation benefits from the Ministry of Social Security’s Information System of Compensation Benefits (SUB), of the National Institute of Social Security (INSS), recorded in 2006. The only injuries (International classification of diseases, 10th revision, Chapter XIX) considered were those certified by an INSS occupational physician’s work-related for adolescents and young adults between 16 and 24 years of age.

**Results**

A total of 79,999 workers 16–24 years old received a compensation benefit for injuries in the study year, and 19,439 (24.3%) were work-related, 16,878 (20.5%) for males and 2,561 for females (15.2%). The annual cumulative incidence rate of work-related injuries (ACSWI) was 3.9×1000 workers, higher among males (4.6×1000) compared to females (1.5×1000). ACSWI was higher in the younger age group (16–19 years), and there was an income gradient with disproportionately elevated risk in the lowest wage quintiles, especially for females in the younger group. Logging, extraction, food/beverage and construction industries have higher work-related risk for adolescents and young adult workers of both sex groups.

**Conclusion**

These findings suggest that the Brazilian labour laws limiting young adult workers in hazardous settings need to be expanded, adding occupations, extractive industries and certain types of work in the food/beverage manufacturing industries for these workers.

**METHOD**

Cross-sectional study conducted between 2006 and 2007 in Valencia, Spain. An age-stratified population-based random sample of 824 postmenopausal women over 50 answered a questionnaire about risk factors and anti-osteoporotic treatment, and received a lumbar spine and hip densitometry and a spine x-ray. The population impact and the appropriateness of treatment according to each guideline was evaluated.

**Results**

The population of women over 50 who should be treated according to different guidelines would be 15.5% (95% CI 14.0 to 19.0) for CMA, 25.4% (95% CI 22.4 to 28.3) for SEMERGEN and 36.9% (95% CI 33.6 to 40.2) for NOF. These figures would be translated into 1.3 to 5.2 million women candidates for treatment in the Spanish NHS. Regarding the appropriateness of anti-osteoporotic treatment, 80%, 66% and 52% of the women treated (n=181; 21.9%) did not meet CMA, SEMERGEN and NOF criteria to be treated, respectively. Whereas 16%, 23% and 34% of untreated women (n=648; 78.0%) should receive treatment according to CMA, SEMERGEN and NOF guidelines.

**Conclusion**

There are huge differences in the population impact of three commonly used guidelines. Appropriateness of anti-osteoporotic treatment was low due to overuse in women without indication and also because of underuse in women with criteria for treatment.

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