

restricting him or her to driving in intrastate commerce.

To evaluate the effect of these exemptions on safety, the FMCSA considered not only the medical reports about the applicants' vision, but also their driving records and experience with the vision deficiency. To qualify for an exemption from the vision standard, the FMCSA requires a person to present verifiable evidence that he or she has driven a commercial vehicle safely with the vision deficiency for 3 years. Recent driving performance is especially important in evaluating future safety, according to several research studies designed to correlate past and future driving performance. Results of these studies support the principle that the best predictor of future performance by a driver is his/her past record of accidents and traffic violations. Copies of the studies have been added to the docket. (FHWA-98-3637)

We believe we can properly apply the principle to monocular drivers, because data from a former FMCSA waiver study program clearly demonstrates that the driving performance of experienced monocular drivers in the program is better than that of all CMV drivers collectively. (See 61 FR 13338, 13345, March 26, 1996.) The fact that experienced monocular drivers with good driving records in the waiver program demonstrated their ability to drive safely supports a conclusion that other monocular drivers, meeting the same qualifying conditions as those required by the waiver program, are also likely to have adapted to their vision deficiency and will continue to operate safely.

The first major research correlating past and future performance was done in England by Greenwood and Yule in 1920. Subsequent studies, building on that model, concluded that accident rates for the same individual exposed to certain risks for two different time periods vary only slightly. (See Bates and Neyman, University of California Publications in Statistics, April 1952.) Other studies demonstrated theories of predicting accident proneness from accident history coupled with other factors. These factors—such as age, sex, geographic location, mileage driven and conviction history—are used every day by insurance companies and motor vehicle bureaus to predict the probability of an individual experiencing future accidents. (See Weber, Donald C., "Accident Rate Potential: An Application of Multiple Regression Analysis of a Poisson Process," Journal of American Statistical Association, June 1971.) A 1964

California Driver Record Study prepared by the California Department of Motor Vehicles concluded that the best overall accident predictor for both concurrent and nonconcurrent events is the number of single convictions. This study used 3 consecutive years of data, comparing the experiences of drivers in the first 2 years with their experiences in the final year.

Applying principles from these studies to the past 3-year record of the 29 applicants receiving an exemption, we note that the applicants have had only three accidents and seven traffic violations in the last 3 years. The applicants achieved this record of safety while driving with their vision impairment, demonstrating the likelihood that they have adapted their driving skills to accommodate their condition. As the applicants' ample driving histories with their vision deficiencies are good predictors of future performance, the FMCSA concludes their ability to drive safely can be projected into the future.

We believe the applicants' intrastate driving experience and history provide an adequate basis for predicting their ability to drive safely in interstate commerce. Intrastate driving, like interstate operations, involves substantial driving on highways on the interstate system and on other roads built to interstate standards. Moreover, driving in congested urban areas exposes the driver to more pedestrian and vehicular traffic than exists on interstate highways. Faster reaction to traffic and traffic signals is generally required because distances are more compact. These conditions tax visual capacity and driver response just as intensely as interstate driving conditions. The veteran drivers in this proceeding have operated CMVs safely under those conditions for at least 3 years, most for much longer. Their experience and driving records lead us to believe that each applicant is capable of operating in interstate commerce as safely as he or she has been performing in intrastate commerce. Consequently, the FMCSA finds that exempting these applicants from the vision standard in 49 CFR 391.41(b)(10) is likely to achieve a level of safety equal to that existing without the exemption. For this reason, the agency is granting the exemptions for the 2-year period allowed by 49 U.S.C. 31315 and 31136(e) to 29 of the 30 applicants listed in the September notice (68 FR 52811).

We recognize that the vision of an applicant may change and affect his/her ability to operate a commercial vehicle as safely as in the past. As a condition of the exemption, therefore, the FMCSA will impose requirements on the 29

individuals consistent with the grandfathering provisions applied to drivers who participated in the agency's vision waiver program.

Those requirements are found at 49 CFR 391.64(b) and include the following: (1) That each individual be physically examined every year (a) by an ophthalmologist or optometrist who attests that the vision in the better eye continues to meet the standard in 49 CFR 391.41(b)(10), and (b) by a medical examiner who attests that the individual is otherwise physically qualified under 49 CFR 391.41; (2) that each individual provide a copy of the ophthalmologist's or optometrist's report to the medical examiner at the time of the annual medical examination; and (3) that each individual provide a copy of the annual medical certification to the employer for retention in the driver's qualification file, or keep a copy in his/her driver's qualification file if he/she is self-employed. The driver must also have a copy of the certification when driving, for presentation to a duly authorized Federal, State, or local enforcement official.

Discussion of Comments

The FMCSA received one comment in this proceeding. The comment was considered and is discussed below.

Advocates for Highway and Auto Safety (Advocates) expresses continued opposition to the FMCSA's policy to grant exemptions from the FMCSRs, including the driver qualification standards. Specifically, Advocates: (1) Objects to the manner in which the FMCSA presents driver information to the public and makes safety determinations; (2) objects to the agency's reliance on conclusions drawn from the vision waiver program; (3) claims the agency has misinterpreted statutory language on the granting of exemptions (49 U.S.C. 31315 and 31136(e)); and finally (4) suggests that a 1999 Supreme Court decision affects the legal validity of vision exemptions.

The issues raised by Advocates were addressed at length in 64 FR 51568 (September 23, 1999), 64 FR 66962 (November 30, 1999), 64 FR 69586 (December 13, 1999), 65 FR 159 (January 3, 2000), 65 FR 57230 (September 21, 2000), and 66 FR 13825 (March 7, 2001). We will not address these points again here, but refer interested parties to those earlier discussions.

Conclusion

After considering the comments to the docket and based upon its evaluation of the 29 exemption applications, the FMCSA exempts Lauren C. Allen, Tracey A. Ammons, Randy B. Combs,