

THE BURDEN OF DRY EYE DISEASE

Prevalence estimates of dry eye disease range from 15% - 64%¹⁻⁷

“ Dry eye is a multifactorial disease of the ocular surface characterized by a loss of homeostasis of the tear film, and accompanied by ocular symptoms, in which tear film instability and hyperosmolarity, ocular surface inflammation and damage, and neurosensory abnormalities play etiological roles.⁸ ”

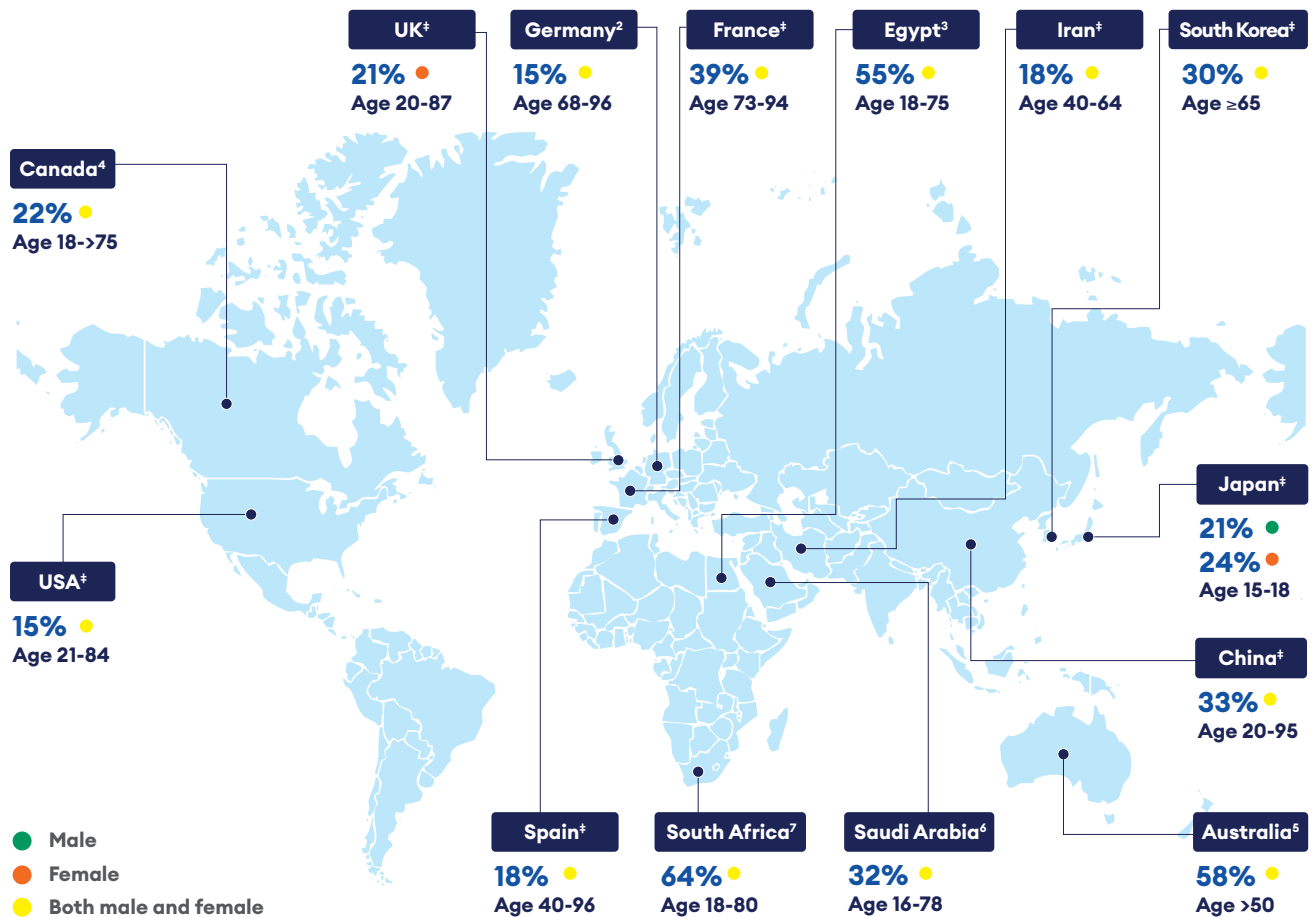
The aging population, increasing use of technology in society, and environmental triggers are notable factors which align with reports of increased prevalence of dry eye.¹

3x Between 2005 and 2012, annual prevalence rates of dry eye tripled in the U.S.⁹

1.4B Number of people affected by dry eye symptoms worldwide¹⁰

Symptom-based prevalence estimates, being more consistent than those using clinical signs,¹ are presented for key countries (Figure 1).

Figure 1: Symptom-based prevalence of dry eye in select countries*



[†]Reviewed in Stapleton et al., (2017)

*These are estimates from surveys of widely varied rigor and sample sizes

References: 1. Stapleton F, Alves M, Bunya VY, et al. TFOS DEWS II Epidemiology Report. *Ocul Surf.* 2017;15(3):334-365. 2. Reitmeir P, Linkohr B, Heier M, et al. Common eye diseases in older adults of southern Germany: results from the KORA-Age study. *Age Ageing.* 2017;46(3):481-486. 3. Mostafa E. Prevalence of dry eye disease in southern Egypt: a hospital-based outpatient clinic study. *J Egyptian Ophthalmol. Soc.* 2016;109:32-40. 4. Caffery B, Srinivasan S, Reaume CJ, et al. Prevalence of dry eye disease in Ontario, Canada: A population-based survey. *Ocul Surf.* 2019;17(3):526-531. 5. Chia EM, Mitchell P, Rochtchina E, Lee AJ, Maroun R, Wang JJ. Prevalence and associations of dry eye syndrome in an older population: the Blue Mountains Eye Study. *Clin Exp Ophthalmol.* 2003;31(3):229-232. 6. Alshamrani AA, Almousa AS, Almulhim AA, et al. Prevalence and Risk Factors of Dry Eye Symptoms in a Saudi Arabian Population. *Middle East Afr J Ophthalmol.* 2017;24(2):67-73. 7. Gillan WDH. A small-sample survey of dry eye symptoms using the Ocular Surface Disease Index. *S Afr Optom.* 2009;68(4):188-191. 8. Craig JP, Nelson JD, Azar DT, et al. TFOS DEWS II Report Executive Summary. *Ocul Surf.* 2017;15(4):802-812. 9. Bradley JL, Özer Stillman I, Pivneva I, Guerin A, Evans AM, Dana R. Dry eye disease ranking among common reasons for seeking eye care in a large US claims database. *Clin Ophthalmol.* 2019;13:225-232. 10. MarketScope LLC. 2020 Dry Eye Products Report: A Global Market Analysis for 2019 to 2025. St. Louis, MO: MarketScope LLC; 2020.