## Why vision?

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Our vision benefits challenge the status quo

#### Clear vision can be taken for granted



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#### BREAKING NEWS

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#### Employees need eye exams due to:

- Eyestrain
- Overall health and wellness
- Use of technology devices
  - 🧹 computers
  - 🗹 smartphones
  - 🗹 televisions
  - 🗹 tablets
- Blurry vision
- Headaches
- Work impact on productivity
- Aging eyes





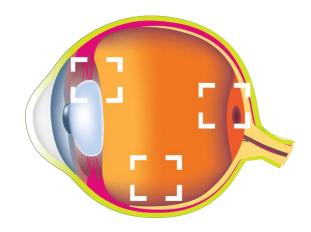
#### Common vision problems

#### Refractive errors<sup>1</sup>

- Myopia (near-sightedness)
- Hyperopia (far-sightedness)
- Astigmatism (distorted vision at all distances)
- Presbyopia (loss of ability to focus up close 40+ yrs. and older)
- Anisometropia (difference of prescriptions between the eyes)

#### Leading causes of blindness and low-vision<sup>1</sup>

- Glaucoma
- Diabetic retinopathy
- Macular degeneration
- Cataracts



1 Center for Disease Control and Prevention, Common Eye Disorders, April 23, 2013.

## Why vision?

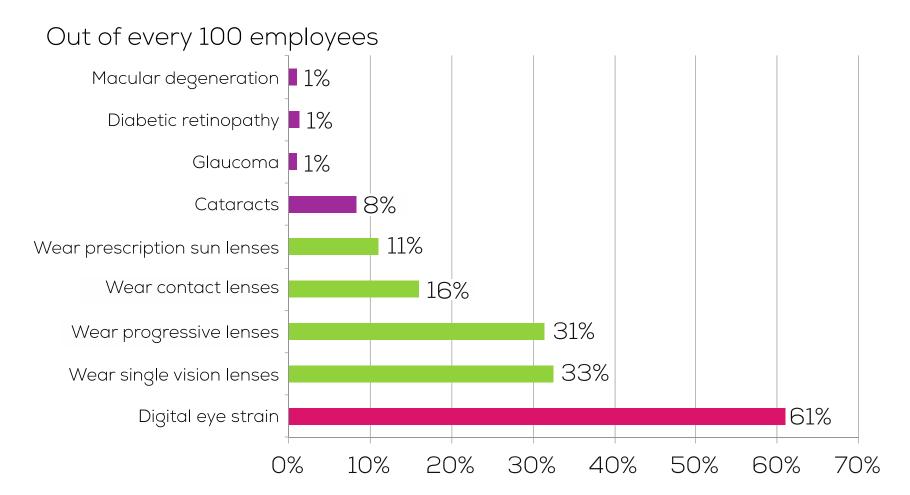
Vision can have a positive effect on absenteeism and presenteeism.







#### Vision impacts employees every day



1. Center for Disease Control and Prevention, Common Eye Disorders, April 23, 2013.

2. Vision Watch Eyewear U.S. Study, September 2014

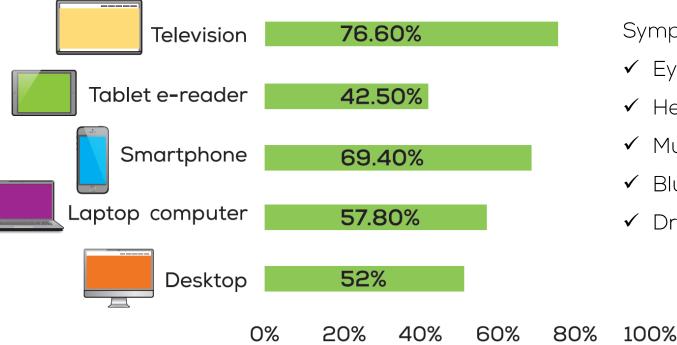
3. The Vision Council 2015 Digital Eye Strain Report

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### Digital devices impact vision

More visually demanding devices at work, home and school causes more fatigue and eye strain and leads to more serious vision issues.

Digital devices most commonly used:\*



Symptoms reported:1

- ✓ Eye strain (32.8%)
- ✓ Headache (24%)
- ✓ Muscle pain (32.6%)
- ✓ Blurred vision (23%)
- ✓ Dry eyes (22.8%)

#### Protect your eyes

72.5% of adults are unaware of the potential dangers of blue light to the eyes

Blue light is high-energy visible (HEV) light wavelengths from the sun, LED and backlit devices.<sup>1</sup>

- May create impact of overexposure
- Harmful to retinal cells which cannot regenerate or be replaced if damaged
- Could lead to age-related macular degeneration





#### 1 The Vision Council 2015 Digital Eye Strain Report

#### Financial impact on productivity

Slight miscorrections in vision (not even noticeable) can decrease productivity by up to 20%.<sup>1</sup>

#### 2

Employers can realize a 2.5% increase in productivity (time) when employees have the most accurate prescription.<sup>4</sup>



IMPACT: 6 days/year in added productivity = \$7,800 per employee (based on median salaries)

1. "Invigorating Interest In The Vision Benefit" from the NAVCP Medical Advisor Roundtable, 2013





### Why vision?

Good vision care is important for children's development and learning.

**eye** Mec

#### Children need eye exams due to:

- Use of digital devices at home and in school
  - computers
    smartphones
    televisions
    tablets
    video games
- Overall health and wellness
- Developmental and learning disabilities
- School performance and development
- Impact on social abilities
- Safety during athletic activities





#### Children & digital devices

Digital devices impact children's vision:1

- 23.6% of kids spend more than 3 hours/day using digital devices.
- 22% of parents say they are very concerned about the potentially harmful impact of digital devices on developing eyes.







## Poor vision & poor performance

A child's learning process is a highly visual one, so ensuring they have good vision is essential to their development and begins as early as 6 months of age.

# Early learning impact

 About 80% of learning in a child's first 12 years is visual.<sup>1</sup>

# Undetected vision problems

 10 million children suffer from undetected vision problems that may cause them to fail in school.<sup>2</sup>



# Academic performance

American Optometric Association found through a survey that 64% of teachers witnessed a direct improvement in a child's academic performance and/or classroom behavior after an eye or vision problem was diagnosed and treated.

1 American Optometric Association (<u>www.aoa.org</u> – School Readiness Summit, Apr, 2011) 2 National Parent Teacher's Association

#### Impact of undetected vision problems in kids<sup>1</sup>

- Difficulty reading
- Trouble seeing whiteboard
- Poor academic performance
- Frustration
- Low self-esteem
- Headaches
- Increased safety risk

Vision problems affect 1 in 4 schoolaged children<sup>1</sup>

80% of children diagnosed with learning disabilities have undiagnosed vision problems.<sup>2</sup>

#### 1 Prevent Blindness America 2 National Parent Teacher's Association

## Better vision begins with EyeMed.

#### eye Med

#### Vision wellness & disease management

- A primary vision care benefit is an important part of an organization's overall wellness package.
- 2 Comprehensive eye exams with dilation, are often early indicators of serious health conditions.<sup>1</sup>

Serious health conditions that may be identified through an eye exam:

- Brain tumors
- Diabetes
- High blood pressure
- Hypercholesterolemia
- Lupus
- Multiple sclerosis

- Aids
- Arteriosclerosis
- Rheumatoid arthritis
- Age-related macular degeneration
- Diabetic retinopathy

#### Better vision begins with EyeMed

**Disease management support:** ICD-9 collection and reporting; 8 conditions; 67codes

Conditions Collected:

- Diabetes
- Diabetic retinopathy
- High cholesterol
- High blood pressure
- Cataracts
- Glaucoma
- Macular degeneration
- Neurological conditions identified by abnormal pupil reaction



#### Integration into health and wellness

EyeMed is able to easily integrate your employee's information from eye exams into your:

- Health & pharmacy data
- Wellness programs



## The future of vision: Innovation at your fingertips.

We continue to change reality by looking at the future of vision and how we can be more innovative. That's why we continue to explore more online, in-network options for employees.

#### Advanced exam technology

AccuExam<sup>™</sup> & AccuFit<sup>™</sup>, available through LensCrafters® and many independent providers offer:

- A more precise prescription
- More accurate lenses
- A more effective fit

#### Wearable, smart glasses

We make it easy to access wearable technology:

- Can be paired with the same eyewear brands consumers love, like Ray-Ban® and Oakley®
- Our benefits will cover the compatible frames and lenses

## Benefits that can be utilized online

Adding online, in-network options so employees can order eyewear on their computer or smartphone

- Now available at Target Optical®
- And coming soon: eyemedcontacts.com and GLASSES.com!



#### Finally, let's just talk. Contact your **Employers Health** team.

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