まんがでわかる

安全衛生と

労災防止の基本

Learn through Manga Health, Safety, and Injury Prevention for Workers

















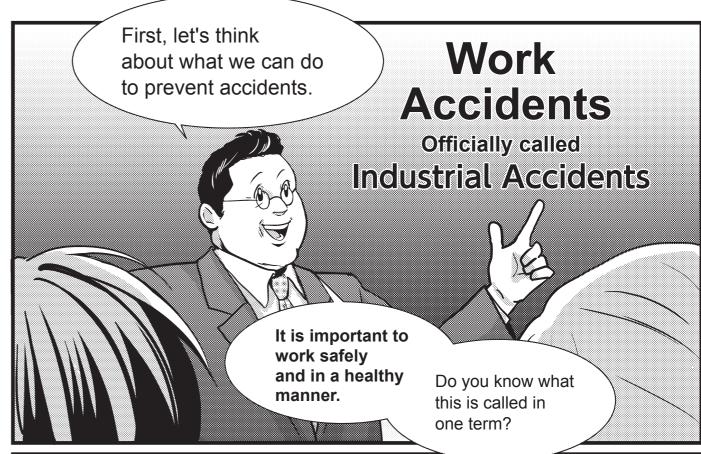


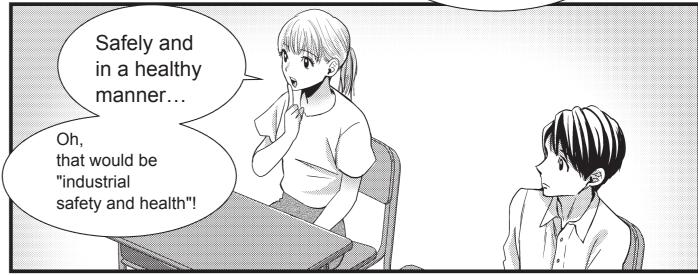


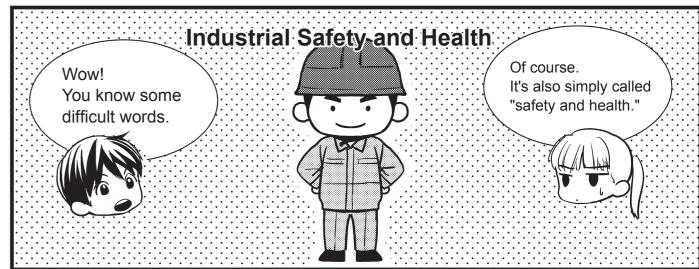
















You see,
causes of work accidents
can be found in
any workplace.

On top of that,
many accidents actually
occur within our immediate
surroundings.







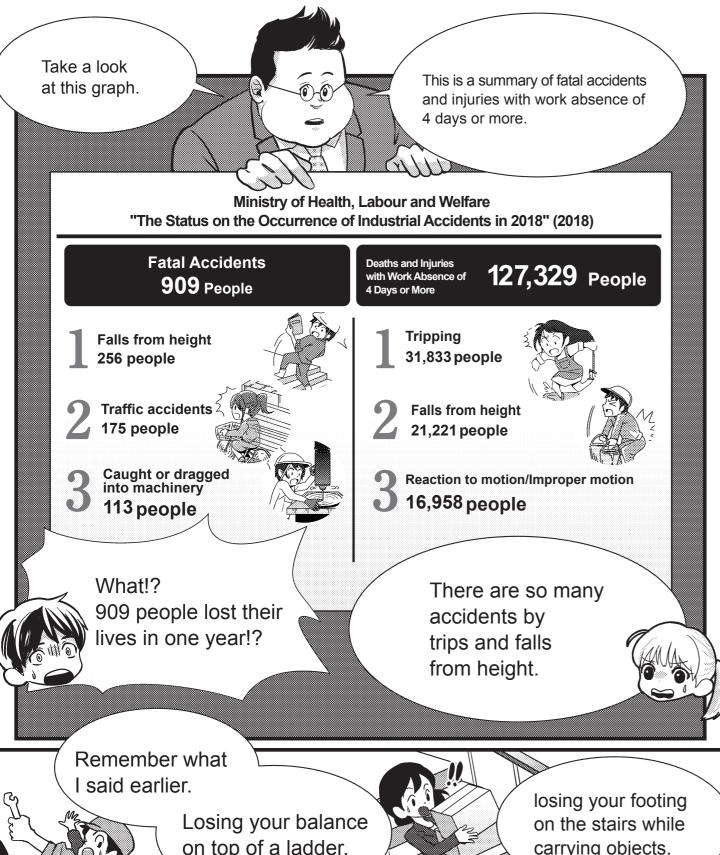




Yes.
Not only minor injuries and diseases,

but even cases resulting in severe impairments and deaths.







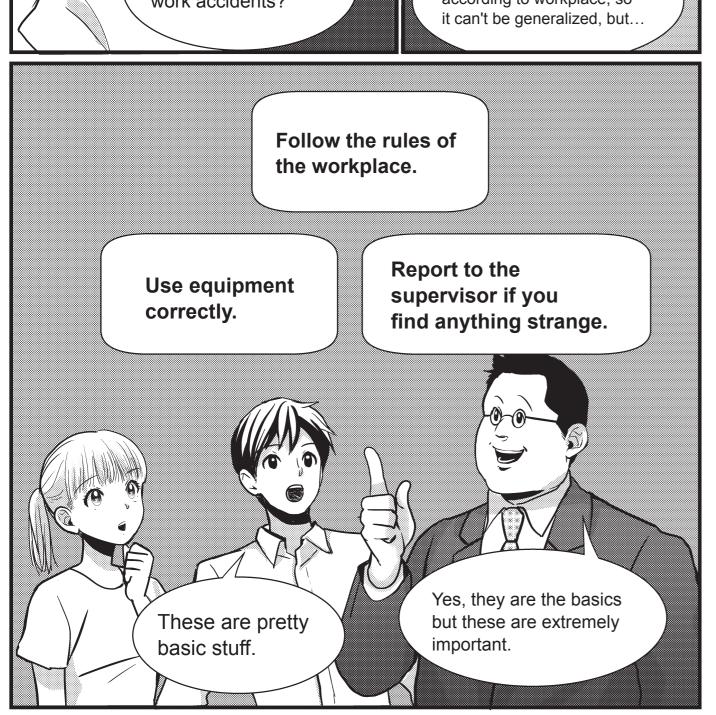


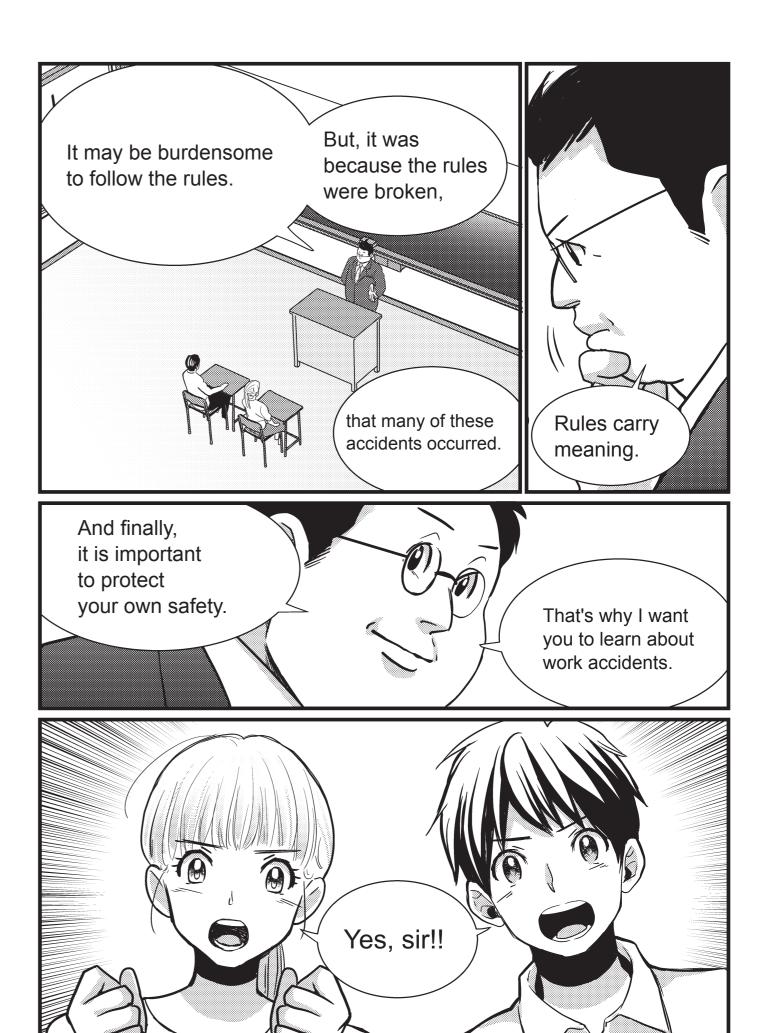
The causes of work-related accidents differ depending on the type of work and workplace.

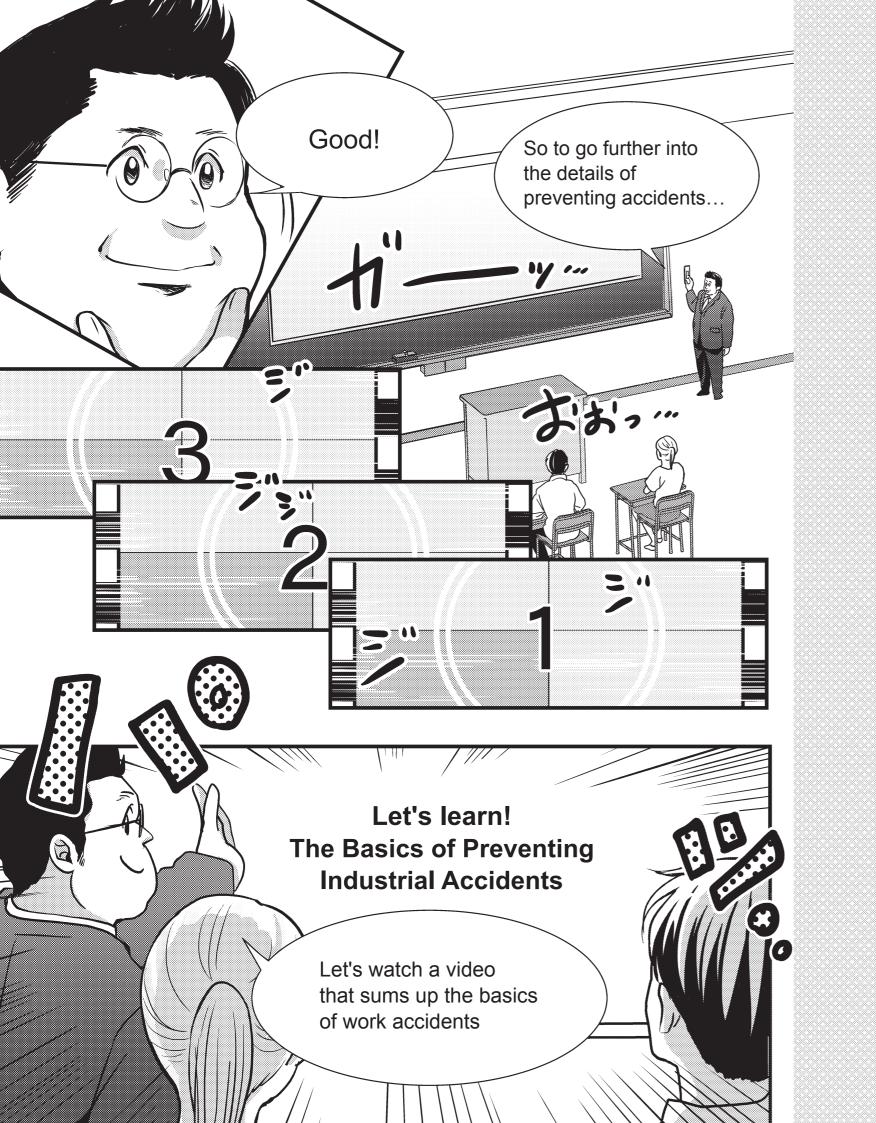
However, some are preventable by being cautious.

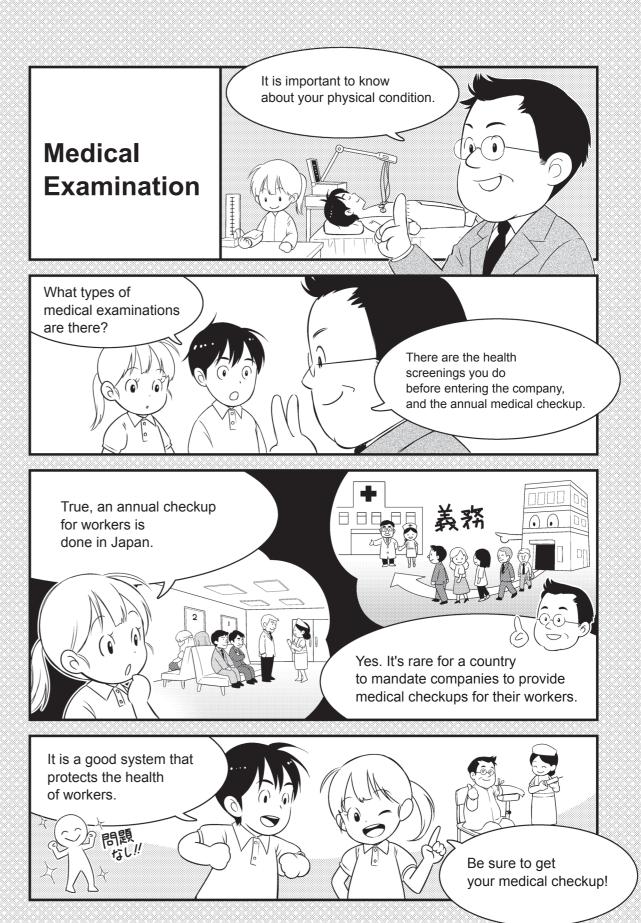












Tripping



First, let's check the places around you that lurk the possibility of falls!



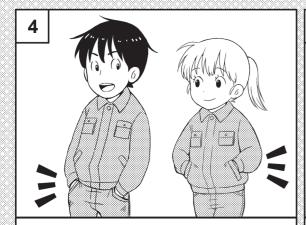
Are there objects left in or on pathways, stairs, and exits?



Are puddles and messes on floors cleaned up and not left as is?



Do your work shoes fit you?



Do you put your hands in your pockets when walking?



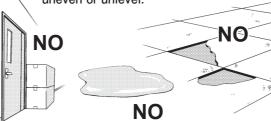
Do you warm up before starting the work?





4S: Tidy (Seiri), Orderly (Seiton), Sanitary (Seiketsu), Clean (Seiso)

- · Do not leave objects in the walkway.
- · Clean up messes on floors.
- · Fix floor surfaces that are uneven or unlevel.



How to prevent falls during work:

- · Have enough time when taking action.
- · Walk slowly on slippery floors.
- · Do not walk where it is difficult to see your footing.

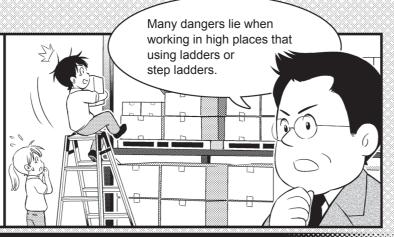




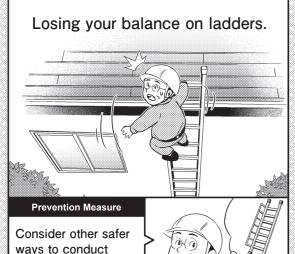


Reference: Ministry of Health, Labour and Welfare; Prefectural Labor Bureau; and Labor Standards Inspection Office "STOP! Falling Accidents Project"

Falls From Height

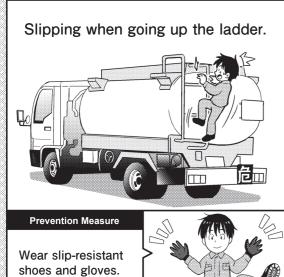


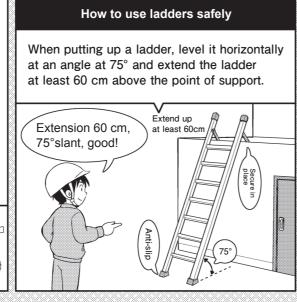
Examples of accidents and their prevention measures when working on ladders



operations.

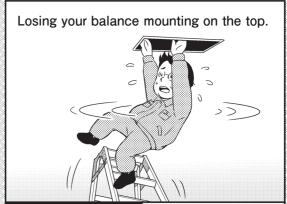






Examples of accidents and their prevention measures when working on step ladders





Prevention Measure

Do not go on the top cap.

Do not mount on the step ladder.



Only work on the

Losing your balance while carrying objects.



second step from the top and below, and do not work in unsteady positions.

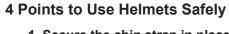
How to use step ladders safely

It is a good idea to always wear a helmet to protect your head.

Do not climb up or

down with objects

in your hands.

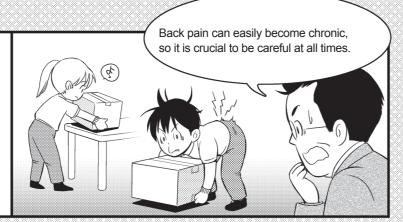


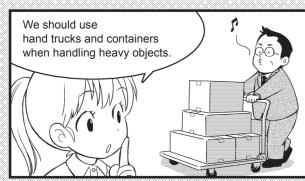
- 1. Secure the chin strap in place. 2. Do not wear the helmet at a tilt.
- 3. Do not wear damaged helmets.
- 4. Follow the service life.

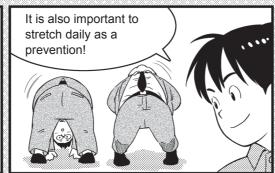
Be especially careful to fasten

the chin strap.

Back Pain







If you cannot use hand trucks and containers, carry objects in the proper way.



Posture When Lifting Up Objects



NO

Lifting objects using the force of your back without bending your knees.

Prevention Measure



Position of Object



NO

Lifting objects that are placed far from your body.

Prevention Measure



Carry objects close to your body and lower your center of gravity.

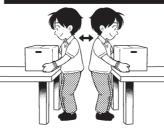
Using Your Body



NO

Moving objects with just your upper body.

Prevention Measure



Move your entire body facing the same direction without twisting your hips.

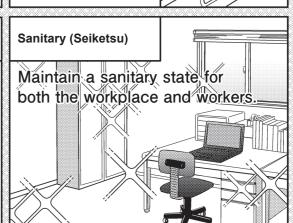
Reference: Japan Construction Occupational Safety and Health Association." Measures to Protect Your Body: Prevent Back Pain Edition"

The 4Ss are practices that aim to create a safe and comfortable work environment from your immediate surroundings.









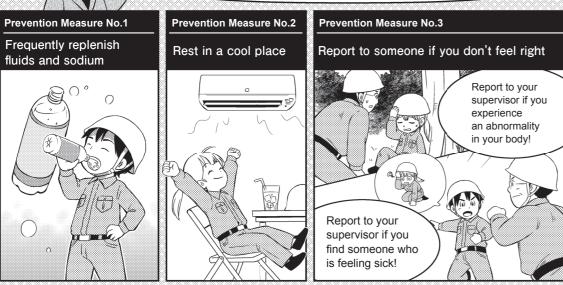


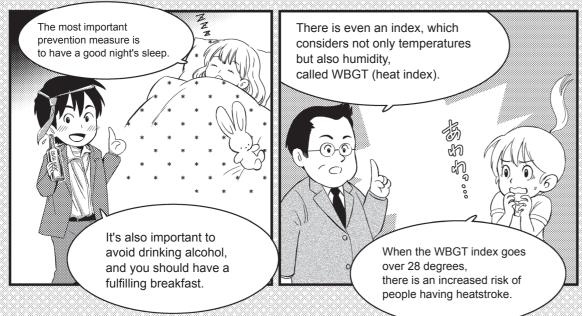
Reference: Japan Industrial Safety and Health Association "The Basics of 4S"

Regardless of age and place, anyone can get heatstroke when conditions are met. *Falling ill, such as with a headache, in high temperatures and humidity.

0-00 Mg

Here are the prevention measures to avoid coming down with heatstroke during the hot Japanese summers!







Industrial Safety and Health Protective Equipment



Helmets

Protects the head from falling objects and from falls from high places.

4 Points to Use Helmets Safely

- 1. Secure the chin strap in place.
- 2. Do not wear the helmet at a tilt.
- 3. Do not wear damaged helmets.
- 4. Follow the service life.

Be sure to fasten the chin strap securely.

Protective Glasses

Prevents dust and sprays from entering the eyes.



Hearing Protection



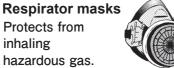
Protects the ears from loud noise.
Wear the appropriate protector according to the environment.

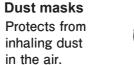
Respiratory Protection

Prevents inhaling of gas and dust in the air.

Masks made of gauze or non-woven fabric do not have these effects!





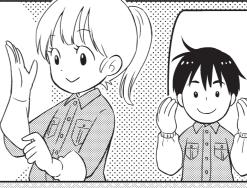






Gloves

Protects against cuts and burns, and prevents objects from slipping when carrying them. Use the appropriate type of gloves (cloth, rubber, etc.) according to the purpose.



Chemical resistant gloves

Protects the skin from chemical substances.

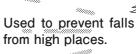
Safety shoes





Protects the feet against heavy falling objects, punctures such as by nails, and pinch-point injuries.

Harnesses



narnesses





It is meaningless if you don't wear the appropriate protective gear at the appropriate time and place in the appropriate way!

Safety Measure Step 1

Choose the right protective gear according to the work environment and work details.



Safety Measure Step 2

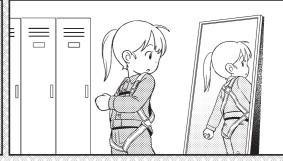
Choose protective gear in the right size to fit your body.



Safety Measure Step 3

Wear and use the gear correctly.

Otherwise, it won't function effectively!

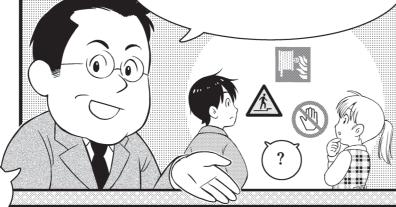


References: Japan Industrial Safety and Health Association "A Guide to Protective Gear: For People Working in the Service Industry"
Ministry of Health, Labour and Welfare "Industrial Safety and Health Protective Equipment (Respiratory Protective Equipment, Protective Glosses)"

Safety signs help workers work safely by illustrating the dangers of the workplace and important information.

Safety Signs

There are 5 types of safety signs. Here are some of the major signs!



禁止標識(prohibition sign)





No open flame



No admittance





指示標識 (mandatory action sign)

ヘルメット着用 保護メガネ着用 防護服着用





Wear eye protection



Protective clothing must be worn

安全靴着用



||手洗い励行

さわるな



注意警告標識 (warning sign)

有毒物質注意

転落注意



のぼり段差注意



感電注意





安全状態標識 (safe condition sign)

非常口



Safety evacuation shelte

避難所







Escape ladder

防火標識 (fire equipment sign)





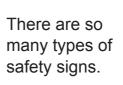






Emergency call button







These signs help us understand the dangers and safety easily.



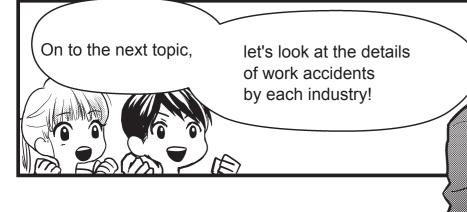
Reference: Japan Industrial Safety and Health Association "For Diverse Workers: A Handbook on Safety Signs"











Learn through Manga

Health, Safety, and Injury Prevention for Workers

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Japan Industrial Safety & Health Association

Production: Sideranch Inc.



症状・病状説明のための 指さしシート

Sheet for pointing to symptoms and their descriptions

このシートの利用方法 | How to use this sheet

例 Example

病状と、その程度を示して伝えましょう。

Describe your condition and its severity



頭が痛い

I have a headache



我慢できる

Tolerable



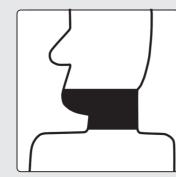
かなりつらい

Very severe



頭が痛い

I have a headache

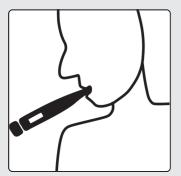


のどが痛い

I have a sore throat

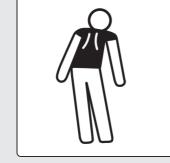
せきがでる

I have a cough



熱がある

I have a fever



腰が痛い

My lower back hurts

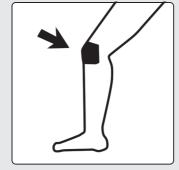
足がしびれる

My legs are numb



めまいがする

I feel dizzy



膝が痛い

My knee hurts

曲げられない

I cannot bend my knee



おなか(胃)が痛い

I have a stomachache

下痢

I have diarrhea

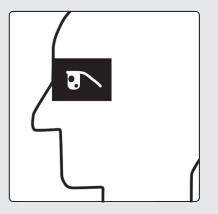


かぶれた

I have a rash (in one place)

発疹がでた

I have a rash (all over)



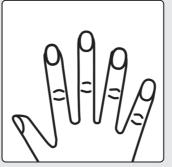
目が痛い

I have sore eyes

目がかゆい

I have itchy eyes

怪我をした | injured myself



転倒した

I fell down

落ちた

I fell (from...)

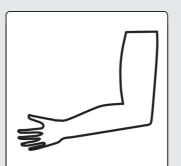


刺さった

I picked myself

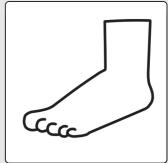
やけどした

I burned myself



切った

I cut myself



ぶつかった

I bumped (against...)





Tolerable



かなりつらい

Very severe



For inquiries about this document, please contact:

Safety Division, Industrial Safety and Health Department, Labour Standards Bureau of the Ministry of Health, Labour and Welfare