



# **3 Year On Sichuan Earthquake Response**

## Executive Summary:

### Introduction

On 20th April 2013, a 7.0-magnitude earthquake struck Lushan County of Ya'an City in Sichuan province at 8:02 am local time (GMT +8). In the epicenter, most houses were either damaged or collapsed; public services were suspended, while water and electricity supply were cut.

The disaster was declared as a CAT III, National Office Response. Immediate emergency response was carried out after the quake in Lushan, Baoxing and Tianquan. World Vision moved into rehabilitation phase since 2014, and extended its coverage to Hongya and Jiajiang Counties. In third year of response, World Vision continued our recovery work in Baoxing and Jiajiang Counties.

### Disaster Impact Quick Facts

Death	196	Collapsed house rooms	Rural: 20,000
Injury	>13,000		Urban: 9,500
Affected population	>2,000,000	Direct economic loss in Ya'an	RMB 4.40 billion
Displaced population	233,191		

### Relief Responses and Rehabilitation

In the emergency response phase, WV China met the immediate needs of quake-affected communities by responding to the following sectors of needs: Non-Food-Items (NFIs), Water, Sanitation and Hygiene (WASH), Protection, and Education. In rehabilitation phase, WV China has addressed the following sectors of need: Shelter, Education, Infrastructure, Disaster Risk Reduction (DRR) and Livelihood. In total, WV China has reached over 230,000 beneficiary times.

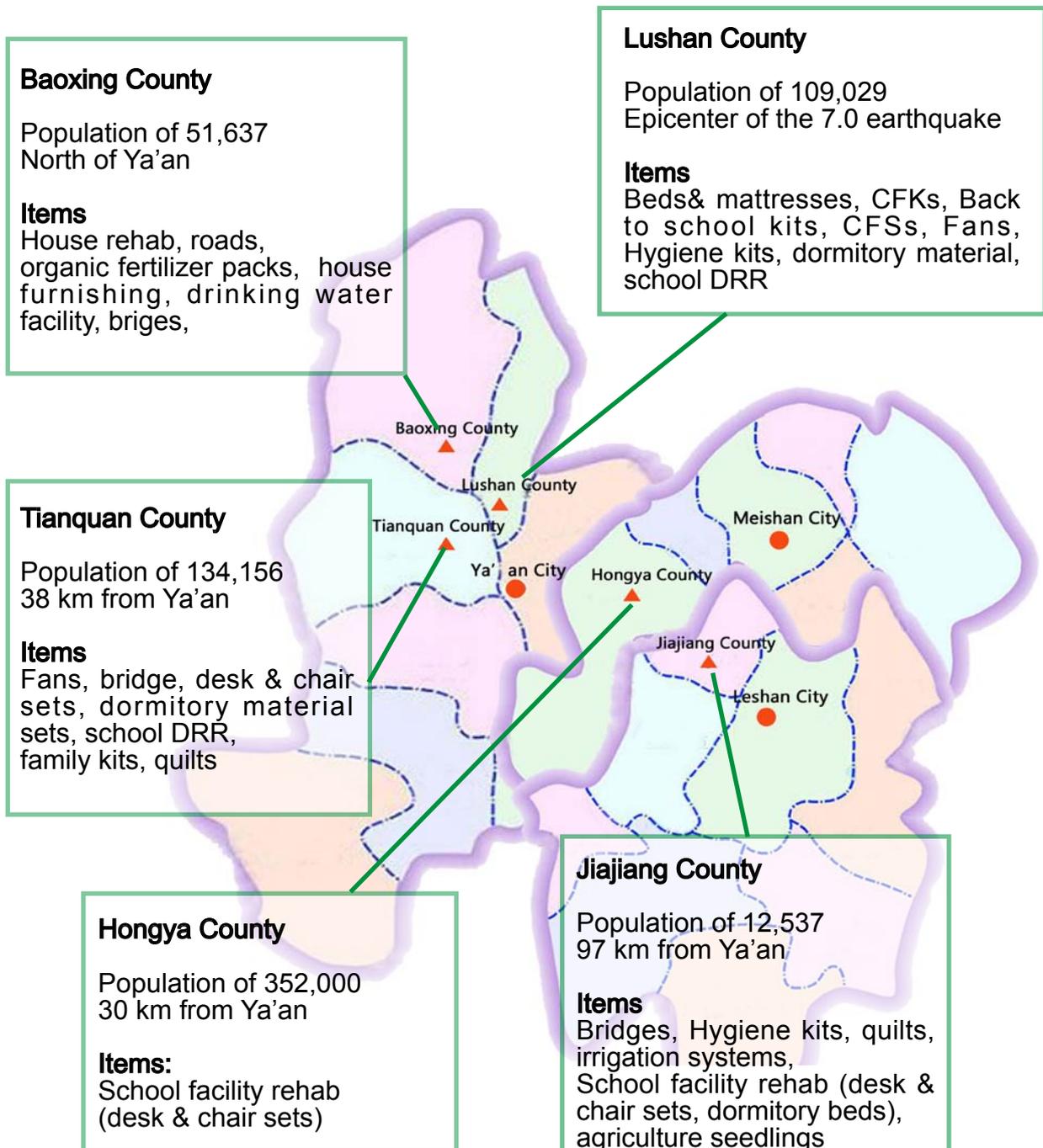
Sector	Activities	Beneficiary times
NFI	Family Kits, quilts, beds & mattresses	>17, 500
WASH	Hygiene Kits, drinking water facility, irrigation systems	>10, 000
Protection	Child Friendly Space (CFS), Child Friendly Kits (CFK), psychosocial support (PS), Child Protection Conference	>127, 400
Education	Fans, Desk & chair sets, Back-to-school kits, dormitory sets, Edu facility rehab	>37, 700
Shelter	House rehab	>2, 900
Infrastructure	Roads, bridges	>15, 200
DRR	School-based disaster risk reduction (DRR)	>9, 900
Livelihood	Organic fertilizer, agriculture seedling	>10, 000
<b>Total</b>		>230, 600

## Background:

### Sichuan Province

- Located in southwest China
- Provincial capital is Chengdu
- 21 prefectures and 181 counties
- Population of 80,800,000, mainly comprised of Han, others include Yi, Tibetan and Qiang
- 485,000 sq km, the 5th largest province/autonomous region in China
- Consists of two very geographically distinct parts, the Sichuan basin on the east and the Qinghai-Tibet Plateau on the west

### Project Location(Sichuan Province)



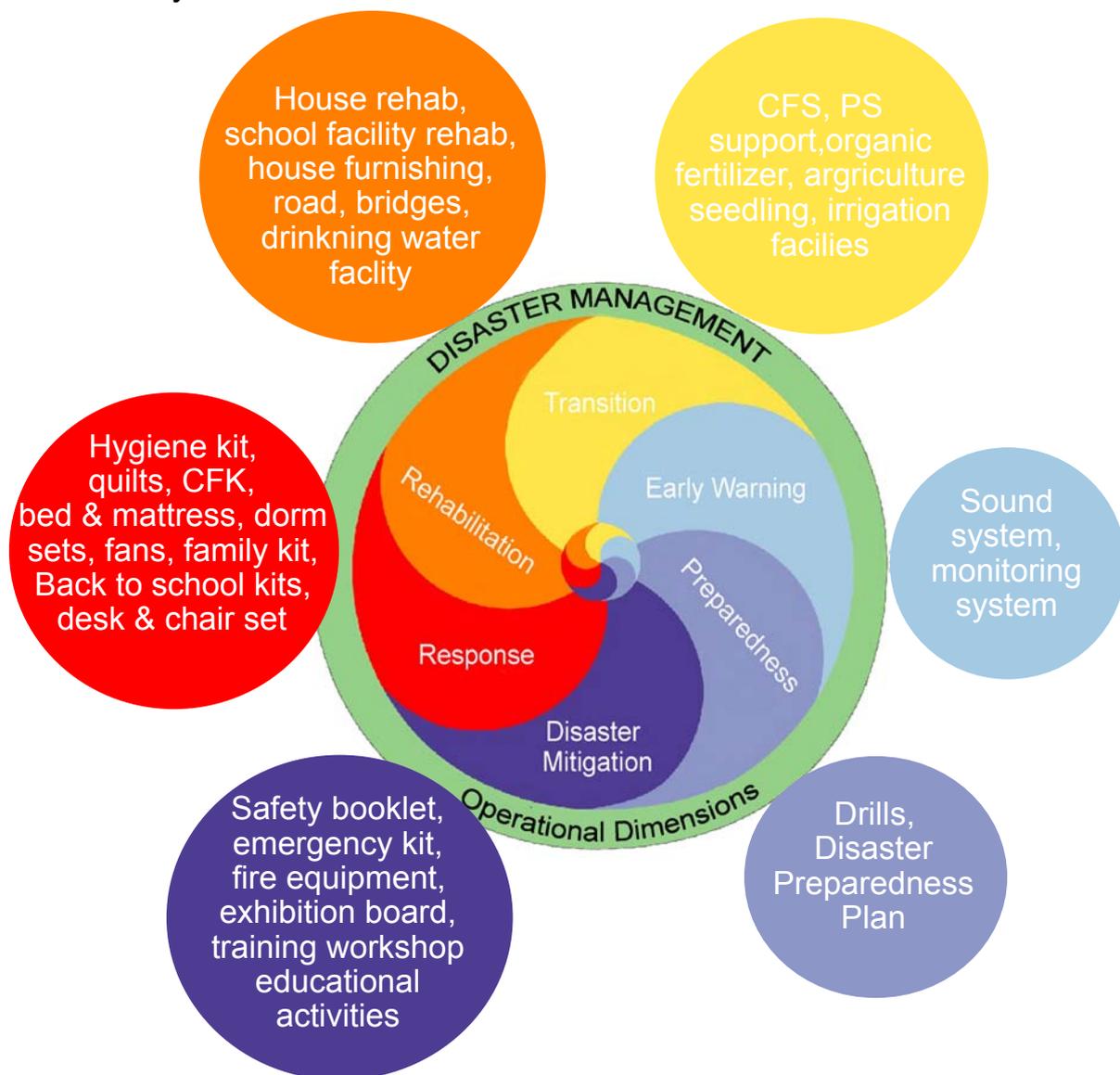
# Evidence Based Disaster Management

In line with WV China National Office Strategy of “Enhancing the Resilience and Disaster Management capacity of the community”, the concept of “Disaster Management” has been incorporated into project design.

To ensure the response is supported with evidence and is accountable to communities, assessments were conducted before relief distribution and design of recovery activities to understand their needs and preferences. Community participation is also encouraged throughout design, planning and implementation. Monitoring and evaluation are also conducted to ensure quality of activities and make changes when necessary.

## Disaster Management

The concept of Disaster Management not only allows WV China meet communities’ need by offering help, but it also assists communities develop ability to help themselves. It enhances self-recovery capability and resilience to future disasters of communities via series of capacity building and vulnerability reduction.



# Relief Distribution Achievements

Emergency relief distribution and activities were mainly conducted within 3 months after the earthquake. It aimed to fulfill immediate needs of disaster-affected communities and enable communities to resume routine daily activities. Some activities, including CFS and psychosocial support, continued into rehab phase based on identified needs. World Vision has reached over 173,000 beneficiary times in relief phase.



Hygiene Kit  
Quantity: 1,020  
Beneficiary: 4,080



CFS(till 2014)  
Quantity: 5  
Beneficiary times:  
29,906

Quilt  
Quantity: 612  
Beneficiary: 1,224



Child Friendly Kit  
Quantity: 1,150  
Beneficiary: 4,600



Back to School kit  
Quantity: 1,500  
Beneficiary: 1,500

Desk & chair set  
Quantity: 1,000  
Beneficiary: 1,000



Fan  
Quantity: 2,784  
Beneficiary: 22,045



Dormitory set  
Quantity: 6,024  
Beneficiary: 6,024



Bed & Mattress  
Quantity: 11,498  
Beneficiary: 9,697



Family Kit  
Quantity: 306  
Beneficiary: 1,224



Psychosocial support (till 2015)  
Quantity: 2 phases  
Beneficiary time: 91,600

# Rehabilitation and Recovery Achievements

World Vision has moved into the rehabilitation and recovery phase since September 2013, aiming to improve community and household resilience through the restoration of shelter, education facilities, infrastructure and livelihood. School based DRR activities and facilities were also conducted for safe learning environment and better self-protection skills. Our CFS operated till end of 2014, while our psychosocial support services were concluded in Oct 2015. Up to April 2016, World Vision has served over 58,000 beneficiary times in this phase.



House furnishing  
Quantity: 734  
Beneficiary: 2,936

Dormitory bed  
Quantity: 800  
Beneficiary: 1,600

Hygiene Kit  
Quantity: 1,500  
Beneficiary: 2,975



House rehab  
quantity: 734  
Beneficiary: 2,936



Desk & chair set  
Quantity: 5,540  
Beneficiary: 5,540



Organic fertilizer  
Quantity:  
2,192 households  
Beneficiary: 7,782

Quilt  
quantity: 2,510  
Beneficiary: 2,510



National child protection conference  
Quantity: 1  
Beneficiary: 300



Bridge  
Quantity: 4  
Beneficiary: 14,985

Child Friendly Kit  
Quantity: 263  
Beneficiary: 1,052



Drinking water facility  
Quantity: 1  
Beneficiary: 390



School based DRR  
Quantity: 10  
Beneficiary: 9,939



Road  
Quantity: 2  
Beneficiary: 277



Irrigation system  
Quantity: 2  
Beneficiary: 2,640



Agriculture seedling  
Quantity: 274,934  
Beneficiary: 2,313

## Activity Highlights

### Irrigation system

According to Yu-lian, before the water facility was built, there was limited water flow in the channel, and the water could not reach the farmland. During rainy season, the water channel had been damaged several times and the earthquake rendered it useless. The design of the new water channel is wide and flat; and will not be easily damaged again. All farmlands in the village can now irrigate properly.

Jiepai Town is a community dependent on cash crop. Yet, the income of the village had been unstable. Younger adults preferred working outside, leaving the elderly and children behind. With water facilities improved, families can irrigate farmland properly, and hence make better income. Many people want to return home to farm and take care of their family. Around 10,000 people in Jiepai have benefited from this water facility improvement project.

“This water channel has brought so much help to our village. The fruit trees are so lush and leafy. There were not much leaves in the past years, not to mention fruits. Now, even washing clothes and vegetables are convenient; plus it’s safer for children playing around! This is a year of good harvest; we have yielded much from the vegetable land and fruit trees. We could not irrigate according to schedule last year, and thus earned very little. This year is a prosperous year!”

Yu-lian, 40 years old, mother of 2 children, Jiepai Town



## Activity Highlights

### Road rehabilitation

Jiajiang County was also impacted by the earthquake. Like many other typical rural villages, most adults work in cities as migrant workers, leaving the children and elderly behind. There is a primary school in the village and many students are walked to school by their grandparents every day.

The main road in the village was rugged and muddy. The road was damaged during the earthquake, and became even more uneven. Due to heavy rains in monsoon season, the road was full of pits of different sizes. Students and parents found it very difficult to walk, especially during rainy days. Sometimes, people even tripped and fell.

Many elderly were particularly worried about rainy days, as the road would turn into mud. They had to wander into the sticky mud and slide through their way. The villagers had been wishing for a better road for many years. During rainy days, even cattle could not walk properly, let alone people. Villagers wished to sell their farm produces, but it was very difficult to go out and no one was willing to come and buy their vegetables.

Under the support of World Vision, The Village now has a new concrete road that allows 2 cars passing at the same time. The passage in and out the village is now easy and safe.

“The way between school and home is now very easy. I do not need grandmother’s company but can go to school with my buddies now! I will work hard and learn hard. When I grow up, I will be people like you to help others!”

Mengxue, 8 years old, P.1 student, Jiajiang County

“Now our village looks totally different, the road now leads all the way to my door and my shoes will not be muddy again even during rainy days. I do not have to worry about tripping over on my way to pick up my granddaughter anymore!”

Mengxue’s grandmother, Jiajiang County



## Activity Highlights

### Bridge rehabilitation

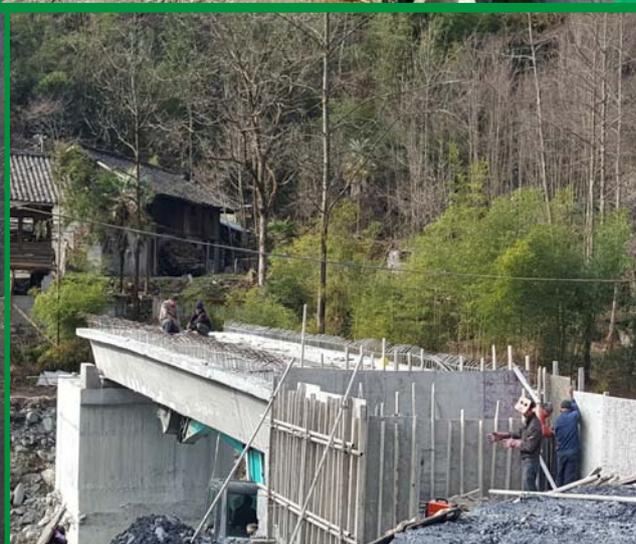
There are 3 villages in Yongfu Town of Baoxing County. In Zong-gang Village; there are a total of 742 people from 213 households. The major livelihood in the village is herb and bee farming. Due to geographic limitation, there is no direct passage to the city.

Between the village and the main road leading out, there is a river. Villagers had to walk through a narrow suspension bridge when they wanted to go out. The bridge was built in the 60s and cars could not drive through. For the 80-year-old Granny Zheng who had poor eye sight, walking through the swinging bridge was a huge challenge. There were even times when children fell off the bridge.

World Vision supported the construction of a bridge of length of 27.5 meter and width of 4.5 meter, allowing passage for both man and vehicles. Not only does the newly construction bridge allow easier access for man and supplies, it also facilitate the post-earthquake rehabilitation work in the village. The improved infrastructure provides better transportation access and economic opportunity. Apart from selling their farms produces to the cities, the villagers even consider developing ecotourism in the village.

“This bridge brings so many benefits to our village. It is now easier and safer for us to visit our families in the town and sell our farm produces to the cities. I am old and may not live long. But the new bridge will bring positive changes to our young generations”

Granny Zheng, 80 years old,  
grandmother of a 13-year-old boy,  
Youngfu Village



## Activity Highlights

### Desk and chair sets

Many school buildings and education facilities in Hongya and Jiajiang Counties were damaged by the earthquake. Based on assessment and preference of communities, World Vision supported the damaged schools with desk and chair sets. On the day of distribution, the students actively moved the desk and chair sets into their classrooms with joy.

“Before the earthquake, our classrooms were already very old and torn. The desks were uneven with holes on them, and we needed to put books on top of our desks before we could write. The earthquake had torn the walls of the classrooms and some even collapsed. Our already-broken desks and chairs were ruined by the fallen walls. When I looked at the destructed school, I felt helpless. Now, I will treasure this learning environment and study well, so that I can grow up and help other people in need”

Little Tao, secondary school student, Jiajiang County



### Agricultural recovery

The earthquake brought much damages to people’s livelihood. To assist early livelihood recovery and sustainable development of communities in Baoxing and Jiajiang, World Vision distributed organic microbial fertilizers and agriculture seedlings. Training was also conducted to ensure correct use of items. These activities would help communities resume farming activities and generate income.

In Jiajiang, based on local conditions and preferences of communities, yam seedlings, walnut tree seedlings, and fruit plant seedlings were distributed.



## Child Well-being Aspirations

Children are citizens and their rights and dignity should be upheld. World Vision aims to sustain well-being of children within families and communities, especially the most vulnerable. The planning of our response is guided by the 4 child well-being aspirations to bring about child-focus disaster management at different levels.

### Enjoy good health

Providing safe shelter and appropriate non-food and hygiene items in earthquake response can protect children from diseases and injuries. The agriculture recovery and water facilities will also support resumption of livelihood activities, ensuring access to food and clean water for better health of children.

**Activities:** House rehab, Hygiene kit, family kit, psychosocial support, organic fertilizer, agriculture seedlings, water facilities

*"Since we used the microbial fertilizer, we have much better harvest!"  
Chenglin, 45 years old, father of 2 children*

### Are educated for life

Many schools were damaged and students lost their schooling materials. The provision of education items and facilities will improve children's learning environment, whereas school-based DRR will help build a safe school campus.

**Activities:** Desk & chair set, fan, back-to-school kit, dormitory set, dormitory bed, school DRR

*"We will treasure these desks and chairs, and study hard to show our gratitude with good academic results." Xiao-tao 14 years old, boy*

### Experience love of God and their neighbors

Children experienced stress and tension in disasters, especially as their normal routines and schooling were interrupted. The provision of CFK, CFS and other supportive activities will allow children reestablish connections with peers and resume social interaction.

**Activities:** CFK, CFS, back-to-school kit, dorm set, psychosocial support, school DRR, house furnishing, house rehab, road, bridge, water facility,

*"I am very happy to come to Child Friendly Space. I will not overthink when I am here. It is very relaxing to join the big sisters do crafts, drawing and games" Mei-chen, 11 years old, girl*

### Are cared for, protected and participating

The response is more than just providing supplies and services, but also allowing children to participate and express, instead of being a passive recipient. The design and implementation of the response also give priorities to the safety and rights of children, so that they are protected and cared for.

**Activities:** House rehab, CFS, CFK, quilt, family kit, dorm set, bed & mattress, school facility rehab, road, bridge, water facility, livelihood recovery, school DRR,

*"Since the installation of the surveillance system in school, my friends and I are no longer afraid on our way back to the dorms after night revision!" Xingyue, 13 years old, girl*

# Financial Data



## Sources of Funding

This program has been and is being supported by various offices in the WV partnership:

Total expenditure

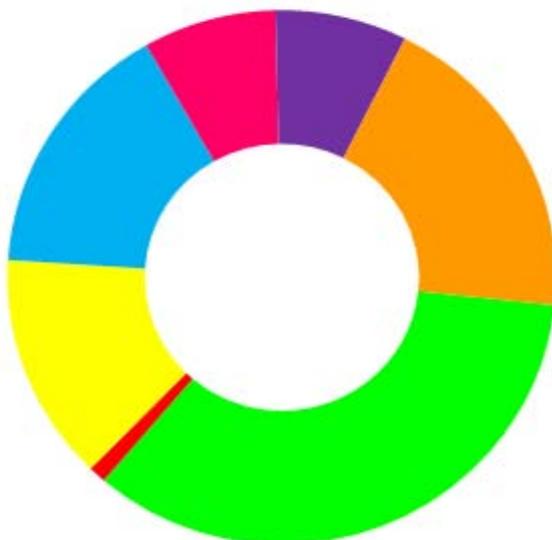
>USD4,200,000

Total beneficiary times

>230,000

WV Australia  
WV Canada  
WV Hong Kong  
(Including HKSAR Disaster Relief Fund Grant)  
WV Japan  
(Including Japan Platform Grant)  
WV Korea  
WV Malaysia  
WV Singapore  
WV Taiwan  
WV US

Sichuan Earthquake Spending Process  
April 2013 – April 2016



## Sectors

- NFIs
- WASH
- Protection
- Education
- DRR
- Livelihood
- Infrastructure

# Conclusion

This is our third year working in Ya'an for the earthquake response. The remaining rehabilitation and recovery work will all be completed in the coming half year.

Activity	Quantity	Location	Impact
Community based disaster management	3 communities	Jiajiang	Enhanced communities resilience and preparedness
Bridge	1	Baoxing	Enhanced access of communities
Road guardrail	1	Baoxing	Enhanced infrastructure and safety of communities

World Vision has always been committed to meeting needs of the quake-affected communities. Throughout the response, emphasis has been placed on participation and collaboration of local communities and partners, who contributed to the monitoring of quality and effectiveness of our work.

In the relief response, World Vision responded promptly based on assessments and supported rehabilitation of shelter, infrastructure, and water facilities. Emphasis was also placed on needs of children and improving community resilience. Various disaster risk reduction activities were conducted in schools and communities, raising up communities' awareness, preparedness and capacity for future challenges and disasters. Livelihood recovery assistance was also introduced to ensure sustainable access to food and economic development. The improved livelihood capacity will allow families provide better for children.

Even though World Vision's response work in Ya'an will come to an end in 2016, we believe that not only will our efforts in the past years be sustained, but the project impact will continue to expand and bring about lifelong positive changes to the communities.



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