

## Cost API Response- Source mapping

[https://aetnao365.sharepoint.com/:x:/r/sites/InteroperabilityPrj/Transparency/\\_layouts/15/Doc.aspx?sourcedoc=%7B52FB16D5-374A-4490-85DE-1C1F0EA150BA%7D&file=CostAPI\\_Requirements%20Document.xlsx&action=default&mobileredirect=true&isSPOFile=1&ovuser=fabb61b8-3afe-4e75-b934-a47f782b8cd7%2CShyen.Vakharia%40aetna.com&clickparams=eyJBcHB0YW1lIjoiVGZhbnRlcjVza3RvcCI8IjoiI1MC8yNTA2MTIxNjQyNCIsIkhhc0ZlZGVyYXRIZFVzZXIiOmZhbHNlQ%3D%3D](https://aetnao365.sharepoint.com/:x:/r/sites/InteroperabilityPrj/Transparency/_layouts/15/Doc.aspx?sourcedoc=%7B52FB16D5-374A-4490-85DE-1C1F0EA150BA%7D&file=CostAPI_Requirements%20Document.xlsx&action=default&mobileredirect=true&isSPOFile=1&ovuser=fabb61b8-3afe-4e75-b934-a47f782b8cd7%2CShyen.Vakharia%40aetna.com&clickparams=eyJBcHB0YW1lIjoiVGZhbnRlcjVza3RvcCI8IjoiI1MC8yNTA2MTIxNjQyNCIsIkhhc0ZlZGVyYXRIZFVzZXIiOmZhbHNlQ%3D%3D) **Connect your OneDrive account** - Excel with

response contract details

Request Field	Source	Source Field	Formula (if applicable)	Notes	Megan/TiC Notes
Service object	Cost API Request (from AH, etc)	Service object	N/A	The whole service entity is the same.	
CostEstimateResponseInfo:providerInfo	Cost API Request (from AH, etc)	providerInfo	N/A	The whole providerInfo entity is the same, including TIN/PIN, network participation	
coverage:isServiceCovered	Benefits API response	benefitcoverage:isservicecovered	N/A		
coverage:maxCoverageAmount	Benefits API response	benefitcoverage:maxCoverageAmount	N/A	Optional field. Leave empty if we don't receive it in the benefit api response	

coverage:cost ShareCopay	Benefits API Response	coverages:costShareCopay	N/A	The CE logic needs to determine which benefit to pick	
coverage:cost ShareCoinsurance	Benefits API Response	coverages:costShareCoinsurance	N/A	The CE logic needs to determine which benefit to pick	
cost:inNetworkCost/ cost:outOfNetworkCost	provider rates logic (from Spanner)	Spanner			<p>Row 36, row 37, row 39 in the excel (look at column B for the appropriate nomenclature)</p> <p>INN: This is the provider rate value that is used to calculation the members out of pocket cost share</p> <p>ONN: This is the out of network rate value that is used to calculation the members out of pocket cost share</p>

cost:inNetworkCostType	provider rates logic (from Spanner)	Spanner	N/A		Can be 'amount' or 'percent'
healthClaimLine:amountCopoly	Calculator logic	Need to determine logic response object	<b>calc_copay</b>		
healthClaimLine:Coinsurance	Calculator logic	Need to determine logic response object	<b>calc_coins</b>		
healthClaimLine:amountResponsibility	Calculator logic		<b>member_pays</b>	Blank if rate is % (if percentResponsibility exists)	
healthClaimLine:percentResponsibility	Calculator logic		= <b>member_pays</b> = cost:inNetworkCost/ cost:outOfNetworkCost WHEN cost:inNetworkCostType = 'percent'		When we get a percent as the service amount from provider rate logic, we cant run calculation. So we return the rate (received as a % ) as is
healthClaimLine:amountpayable	Calculator logic	Need to determine logic response object	<b>insurance_pays</b>	Blank if rate is % (if percentResponsibility exists)	Insurance_pay = InNetwork_cost - member_pay

accumulator:code	Accumulator api response	accumulator array → “code”	N/A	Indicates the type of accumulator. code = deductible, limit, oopmax, etc.	DONE
accumulator:level	Accumulator api response	accumulator array → “level”	N/A		DONE
accumulator:limitValue	Accumulator api response	accumulator array → “limitValue”	N/A		DONE
accumulator:limitType	Accumulator api response	accumulator array → “limitType”	N/A		optional. Only available when accumulator:code='limit' DONE
accumulator:calculatedValue	Accumulator api response	accumulator array → “calculatedValue”	N/A	= remaining value of accums at the start of calculation	DONE
accumulatorCalculation:remainingValue	Calculator logic	Need to determine logic response object	<b>rem_OOPMAXF,</b> <b>rem_OOPMAXI, rem_DF,</b> <b>rem_DI,</b> <b>rem_limit_val</b>	= remaining value of accums after calculation	DONE
accumulatorCalculation:appliedValue	Calculator logic	Need to determine logic response object	= calculatedValue (from accums api		DONE

			response) - accumulatorC alculation:rem ainingValue		
accumulatorC alculation:appl iedValueType	Calculator logic	Need to determine logic response object		Assuming this = "accumulator:l imitType"	= amount or counter DONE

#### Questions:

- For the accumulators, do we need to return the accumExCode? And similarly, do we need to return any of the relatedAccumulators fields mentioned in the benefit api response?
- Do we need to return the benefit code for benefit type that our service chose?
- I don't see **maxCoverageAmount** attribute
- @Vakharia, Shyen How do we perform calculations when the rate is given as a percentage?  
cc: @Berns, Ryan T
- @Vakharia, Shyen : As per Benefit API response documentation, we will receive multiple coverage for that benefit. Do we have any business rule how to pick coverage?
- @Vakharia, Shyen If rate is in percentage , do we need to populate below attributes in cost API response?. cc: @Berns, Ryan T @Paladugu, Kiran K
- @Vakharia, Shyen Do we have any update on below ? cc: @Berns, Ryan T

```
"accumulators": [
  {
    "accumulator": {
      "code": "OOP Max",
      "level": "Individual",
      "limitValue": 3000.0,
      "calculatedValue": 3000.0
    },
    "accumulatorCalculation": {
      "remainingValue": 3000.0,
      "appliedValue": 0.0
    }
  }
]
```

```
}  
,  
{  
  "accumulator": {  
    "code": "OOP Max",  
    "level": "Family",  
    "limitValue": 9000.0,  
    "calculatedValue": 9000.0  
  },  
  "accumulatorCalculation": {  
    "remainingValue": 9000.0,  
    "appliedValue": 0.0  
  }  
}  
]
```