

KAMUYU AYDINLATMA PLATFORMU

TEKFEN HOLDING A.Ş. Holding Finansal Rapor(en) Consolidated 2017 - 2. 3 Monthly Notification

General Information About Financial Statements





Independet Audit Comment

dependent Audit Company	BDO DENET BAĞIMSIZ DENETİM VE DANIŞMANLIK A.Ş.
udit Type	Limited
udit Result	Positive
ARA DÖNEM ÖZET KONSOLIDE FINANSAL BİLGIL SINIRLI DENETİM RAPORU	.ERE İLİŞKİN
Tekfen Holding Anonim Şirketi Yönetim Kurulu'na	
Giriş	
bilançosunun ve aynı tarihte sona eren altı ayl konsolide özkaynaklar değişim tablosunun ve dönem özet konsolide finansal bilgilerin TMS 3	ve bağlı ortaklıklarının (hep birlikte "Grup" olarak anılacaktır) 30 Haziran 2017 tarihli ilişikteki özet konsolide ık ara döneme ait özet konsolide kar veya zarar tablosunun, özet konsolide diğer kapsamlı gelir tablosunun, özet e özet konsolide nakit akış tablosunun sınırlı denetimini yürütmüş bulunuyoruz. Grup Yönetimi, söz konusu ara 34 Ara Dönem Finansal Raporlama Standardı'na ("TMS 34") uygun olarak hazırlanmasından ve gerçeğe uygun bir ğumuz, yaptığımız sınırlı denetime dayanarak söz konusu ara dönem özet konsolide finansal bilgilere ilişkin bir
Sınırlı Denetimin Kapsamı	
Denetimini Yürüten Denetçi Tarafından Sınırlı E ve muhasebe konularından sorumlu kişiler uygulanmasından oluşur. Ara dönem finansal tablolar hakkında bir görüş bildirmek olan b	enetim Standardı (SBDS) 2410, "Ara Dönem Finansal Bilgilerin, İşletmenin Yıllık Finansal Tablolarının Bağımsız Bağımsız Denetimi"ne uygun olarak yürütülmüştür. Ara dönem finansal bilgilere ilişkin sınırlı denetim, başta finans olmak üzere ilgili kişilerin sorgulanması ve analitik prosedürler ile diğer sınırlı denetim prosedürlerinin bilgilerin sınırlı denetiminin kapsamı, Bağımsız Denetim Standartları'na uygun olarak yapılan ve amacı finansal ağımsız denetimin kapsamına kıyasla önemli ölçüde dardır. Sonuç olarak ara dönem finansal bilgilerin sınırlı etimde belirlenebilecek tüm önemli hususlara vakıf olabileceğine ilişkin bir güvence sağlamamaktadır. Bu sebeple,
Sonuç	
Sınırlı denetimimize göre, ilişikteki ara dönei varmamıza sebep olacak herhangi bir husus dil	m özet konsolide finansal bilgilerin, tüm önemli yönleriyle, TMS 34'e uygun olarak hazırlanmadığı kanaatine kkatimizi çekmemiştir.
İstanbul,	
3 Ağustos 2017	
BDO Denet Bağımsız Denetim	
ve Danışmanlık A.Ş.	
Member, BDO International Network	

Erdal Aslan, YMM

Sorumlu Denetçi



Statement of Financial Position (Balance Sheet)

	Footnote Reference	Current Period 30.06.2017	Previous Period 31.12.2016
tatement of Financial Position (Balance Sheet)			
Assets [abstract]			
CURRENT ASSETS			
Cash and cash equivalents	7	2.950.726	1.483.42
Financial Investments		109.677	108.12
Trade Receivables	8	1.156.554	1.075.32
Trade Receivables Due From Related Parties		22.159	20.68
Trade Receivables Due From Unrelated Parties		1.134.395	1.054.64
Other Receivables		39.163	61.08
Other Receivables Due From Related Parties		31.469	53.92
Other Receivables Due From Unrelated Parties		7.694	7.16
Receivables from Ongoing Construction or Service Contracts Derivative Financial Assets	10 21	608.343	391.94
Inventories	9	971.076	968.74
Prepayments	,	184.916	91.21
Prepayments to Unrelated Parties		184.916	91.21
Current Tax Assets		35.458	48.32
Other current assets		282.703	279.17
Other Current Assets Due From Unrelated Parties		282.703	279.17
SUB-TOTAL		6.340.380	4.509.60
Non-current Assets or Disposal Groups Classified as Held for Sale		25.505	24.18
Total current assets		6.365.885	4.533.78
NON-CURRENT ASSETS			
Financial Investments		176.236	175.43
Trade Receivables	8	12.026	152.54
Trade Receivables Due From Unrelated Parties		12.026	152.54
Other Receivables		3.486	3.82
Other Receivables Due From Unrelated Parties		3.486	3.82
Investments accounted for using equity method	11	220.342	118.44
Investment property	12	79.280	82.55
Property, plant and equipment	12	1.511.653	1.487.67
Intangible assets and goodwill	12	18.687	16.67
Prepayments Production of Production		2.855	6.34
Prepayments to Unrelated Parties		2.855	6.34
Deferred Tax Asset Other Non-current Assets		51.185 58.907	50.99 40.52
Other Non-Current Assets Due From Unrelated Parties		58.907	40.52
Total non-current assets		2.134.657	2.135.02
Total assets		8.500.542	6.668.80
IABILITIES AND EQUITY		3.300.31Z	0.000.00
CURRENT LIABILITIES			
Current Borrowings	13	956.643	920.64
Current Portion of Non-current Borrowings		99.770	88.77
Trade Payables	8	1.659.180	1.528.82
Trade Payables to Related Parties		5.256	10.91
Trade Payables to Unrelated Parties		1.653.924	1.517.90
Employee Benefit Obligations		67.703	70.44
Other Payables		81.627	73.81
Other Payables to Unrelated Parties Payables due to Ongoing Construction or Service	10	81.627	73.81 384.78
Contracts		588.663	
Derivative Financial Liabilities	21	39.265	13
Deferred Income	4(b)	1.842.318	685.25
Deferred Income from Unrelated Parties		1.842.318	685.25
Current tax liabilities, current	14	27.783	57.06
Current provisions for ampleyee benefits	14	76.036	82.93
Current provisions for employee benefits Other current provisions		66.060 9.976	72.90 10.03
Other Current Liabilities		9.976	
Other Current Liabilities		491	3.89

Other Current Liabilities to Unrelated Parties		497	3.898
SUB-TOTAL		5.439.485	3.896.563
Total current liabilities		5.439.485	3.896.563
NON-CURRENT LIABILITIES			
Long Term Borrowings	13	237.582	251.550
Trade Payables	8	82.804	44.033
Trade Payables To Unrelated Parties		82.804	44.033
Other Payables		37.530	28.517
Other Payables to Unrelated parties		37.530	28.517
Government grants		1.190	1.194
Non-current provisions	14	50.763	40.135
Non-current provisions for employee benefits		50.686	40.054
Other non-current provisions		77	81
Deferred Tax Liabilities		49.932	27.360
Total non-current liabilities		459.801	392.789
Total liabilities		5.899.286	4.289.352
EQUITY			
Equity attributable to owners of parent	5,17	2.570.849	2.349.681
Issued capital		370.000	370.000
Inflation Adjustments on Capital		3.475	3.475
Share Premium (Discount)		300.984	300.984
Other Accumulated Comprehensive Income (Loss) that will not be Reclassified in Profit or Loss		-1.535	1.369
Gains (Losses) on Revaluation and Remeasurement		-1.535	1.369
Other Accumulated Comprehensive Income (Loss) that will be Reclassified in Profit or Loss		167.178	199.373
Exchange Differences on Translation		124.468	125.977
Gains (Losses) on Hedge		-29.829	1.621
Gains (Losses) on Revaluation and Reclassification		72.539	71.775
Restricted Reserves Appropriated From Profits		197.002	194.145
Prior Years' Profits or Losses		1.148.163	955.924
Current Period Net Profit Or Loss		385.582	324.411
Non-controlling interests		30.407	29.776
Total equity		2.601.256	2.379.457
Total Liabilities and Equity		8.500.542	6.668.809



Profit or loss [abstract]

	Footnote Reference	Current Period 01.01.2017 - 30.06.2017	Previous Period 01.01.2016 - 30.06.2016	Current Period 3 Months 01.04.2017 - 30.06.2017	Previous Period 3 Months 01.04.2016 - 30.06.2016
Profit or loss [abstract]					
PROFIT (LOSS)					
Revenue		3.344.297	2.438.289	1.707.322	1.064.81
TOTAL REVENUE		3.344.297	2.438.289	1.707.322	1.064.81
Cost of sales		-2.845.461	-2.065.294	-1.474.169	-915.01
TOTAL COSTS		-2.845.461	-2.065.294	-1.474.169	-915.01
GROSS PROFIT (LOSS) FROM COMMERCIAL OPERATIONS		498.836	372.995	233.153	149.80
GROSS PROFIT (LOSS)		498.836	372.995	233.153	149.80
General Administrative Expenses		-96.655	-91.473	-50.396	-52.99
Marketing Expenses		-82.721	-66.692	-37.250	-26.13
Research and development expense		-87	-900	-34	-90
Other Income from Operating Activities	19	172.974	158.082	82.178	92.68
Other Expenses from Operating Activities	19	-161.422	-151.435	-46.379	-96.6
Share of Profit (Loss) from Investments Accounted for Using Equity Method	11	102.479	29.338	88.462	18.2
PROFIT (LOSS) FROM OPERATING ACTIVITIES		433.404	249.915	269.734	84.1
Investment Activity Income		16.486	11.867	8.391	2.4
Investment Activity Expenses		-14	-8	-8	
PROFIT (LOSS) BEFORE FINANCING INCOME (EXPENSE)		449.876	261.774	278.117	86.5
Finance income	20	253.382	93.865	56.025	60.2
Finance costs	20	-232.398	-82.614	-70.197	-41.9
PROFIT (LOSS) FROM CONTINUING OPERATIONS, BEFORE TAX		470.860	273.025	263.945	104.8
Tax (Expense) Income, Continuing Operations		-85.724	-48.840	-39.590	-30.5
Current Period Tax (Expense) Income		-54.835	-77.415	-22.309	-61.5
Deferred Tax (Expense) Income		-30.889	28.575	-17.281	31.0
PROFIT (LOSS) FROM CONTINUING OPERATIONS		385.136	224.185	224.355	74.3
PROFIT (LOSS)		385.136	224.185	224.355	74.3
Profit (loss), attributable to [abstract]					
Non-controlling Interests		-446	2.701	491	1.7
Owners of Parent		385.582	221.484	223.864	72.6
Earnings per share [abstract]					
Earnings per share [line items]					
Basic earnings per share					
Basic Earnings (Loss) Per Share from Continuing Operations					
Sürdürülen Faaliyetlerden Pay Başına Kazanç	18	1,04200000	0,59900000	0,60500000	0,1960000
Diluted Earnings Per Share					



Statement of Other Comprehensive Income

	Footnote Reference	Current Period 01.01.2017 - 30.06.2017	Previous Period 01.01.2016 - 30.06.2016	Current Period 3 Months 01.04.2017 - 30.06.2017	Previous Period 3 Months 01.04.2016 - 30.06.2016
Statement of Other Comprehensive Income					
PROFIT (LOSS)		385.136	224.185	224.355	74.370
OTHER COMPREHENSIVE INCOME					
Other Comprehensive Income that will not be Reclassified to Profit or Loss		-2.904	-299	-926	396
Gains (Losses) on Remeasurements of Defined Benefit Plans		-3.630	-374	-1.157	495
Taxes Relating To Components Of Other Comprehensive Income That Will Not Be Reclassified To Profit Or Loss		726	75	231	-99
Deferred Tax (Expense) Income		726	75	231	-99
Other Comprehensive Income That Will Be Reclassified to Profit or Loss		-31.118	-4.864	-38.448	-7.211
Exchange Differences on Translation		-432	-4.868	-9.457	-843
Gains (Losses) on Remeasuring or Reclassification Adjustments on Available-for-sale Financial Assets		804	4	-6.394	-6.703
Other Comprehensive Income (Loss) Related with Cash Flow Hedges		-39.313	0	-28.647	0
Taxes Relating to Components of Other Comprehensive Income that will be Reclassified to Profit or Loss		7.823	0	6.050	335
Deferred Tax (Expense) Income		7.823	0	6.050	335
OTHER COMPREHENSIVE INCOME (LOSS)		-34.022	-5.163	-39.374	-6.815
TOTAL COMPREHENSIVE INCOME (LOSS)		351.114	219.022	184.981	67.555
Total Comprehensive Income Attributable to					
Non-controlling Interests		631	-2.831	-250	-3.338
Owners of Parent		350.483	221.853	185.231	70.893



Statement of cash flows (Indirect Method)

	Footnote Reference	Current Period 01.01.2017 - 30.06.2017	Previous Period 01.01.2016 - 30.06.2016
tatement of cash flows (Indirect Method)			
CASH FLOWS FROM (USED IN) OPERATING ACTIVITIES		1.667.074	510.
Profit (Loss)		385.136	224.
Profit (Loss) from Continuing Operations		385.136	224.
Adjustments to Reconcile Profit (Loss)		70.226	100.
Adjustments for depreciation and amortisation expense	12	63.596	55.
Adjustments for provisions	8,14	42.943	55.
Adjustments for Dividend (Income) Expenses		-8.146	-8.
Adjustments for Interest (Income) Expenses	20	-3.379	-18.
Adjustments for fair value losses (gains)		303	
Adjustments for Undistributed Profits of Investments	11	-102.479	-29
Accounted for Using Equity Method			
Adjustments for Tax (Income) Expenses		85.724	48.
Adjustments for losses (gains) on disposal of non-current	12	-8.336	-1.
assets			
Other adjustments for which cash effects are investing or financing cash flow		0	
Changes in Working Capital		1.300.749	298.
Decrease (Increase) in Financial Investments		-1.556	
Adjustments for decrease (increase) in trade accounts receivable	8	59.152	183
Adjustments for Decrease (Increase) in Other Receivables Related with Operations		4.371	-64
Decrease (Increase) in Receivables from Ongoing Construction or Service Contracts	10	-216.399	-22
Adjustments for decrease (increase) in inventories	9	-4.908	148
Decrease (Increase) in Prepaid Expenses		-92.039	-2
Adjustments for increase (decrease) in trade accounts payable	8	169.128	-46
Increase (Decrease) in Employee Benefit Liabilities		-2.746	10
Increase (Decrease) in Payables Due to Ongoing Construction or Service Contracts	10	203.881	50
Adjustments for increase (decrease) in other operating payables		24.800	1
Increase (Decrease) in Deferred Income	4(b)	1.157.065	40
Cash Flows from (used in) Operations		1.756.111	622
Interest paid		-18.539	-19
Interest received		43.703	34
Payments Related with Provisions for Employee Benefits	14	-42.500	-24
Payments Related with Other Provisions	14	-453	-23
Income taxes refund (paid)		-71.248	-80
CASH FLOWS FROM (USED IN) INVESTING ACTIVITIES		-91.559	-103
Cash Inflows from Losing Control of Subsidiaries or Other Businesses		0	2
Cash Outflows from Purchase of Additional Shares of Subsidiaries		-293	
Cash Payments to Acquire Equity or Debt Instruments of Other Entities		-20.159	
Proceeds from sales of property, plant, equipment and intangible assets	12	8.531	2
Purchase of Property, Plant, Equipment and Intangible Assets	12	-84.018	-79
Cash Outflows from Acquition of Investment Property	12	-1.575	-37
Cash advances and loans made to other parties		1.829	1
Dividends received		4.126	7
CASH FLOWS FROM (USED IN) FINANCING ACTIVITIES		-137.777	-202
Proceeds from borrowings		476.304	301
Repayments of borrowings		-487.625	-436
Payments of Finance Lease Liabilities		-6.164	-3
Dividends Paid	5	-120.292	-63
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS BEFORE EFFECT OF EXCHANGE RATE CHANGES		1.437.738	204
Effect of exchange rate changes on cash and cash equivalents		29.559	-1
Net increase (decrease) in cash and cash equivalents		1.467.297	202

Statement of changes in equity [abstract]

Presentation Currency
Nature of Financial Statements

1.000 TL Consolidated

							Equity				
						Equity attrib	utable to owners of parent [member]				
		Footnote Reference			Other Accumulated	d Comprehensive Income That Will Not Be Reclassified In Profit Or Loss		Other Accumulated Comprehensive Income That \	Will Be Reclassified In Profit Or Loss		Retained Earnings
		i obtrible kelerence	Balancing Additional Issued Adjustments for Contribution Cap	Capital Share clital Treasury Adjustments due premiums ance Shares to or Cross-Ownership discounts Common Control or Cross-Ownership discounts Common Control or Common Contro	Share Based Accumulated Gains/Losses on Revaluation and Remeasurement Gains (Losses)		Reserve Of Gains Hedg		tion Change in C	Restricted Other equity reserves Interest reserves (Appropriated Interest Reserves L	Non-controlling interests [member]
			Capital on Capital Merger of Capital Shareholders	ance Shares to or Businesses Under Cross-Ownership discounts Common Control Interests	Ayments from Investments in Equity Instruments Property, Plant and Equipment Assets Gains (Losses) Increases (Change in Fair Value of Hedging income Of Associa	ringreitensive tes And Joint tes And Joint Differences Differences Of Other Differences Gains of Gains	or Other Gains (Losses) on Financial Assets O' Remeasuring and/or Measured at Fair Reme	tion Change in Value of Forward of Sauring Options or Change in Value of Forward Charge in Value of Forward Options or Change in Value of Forward Charge in Value of Forward Charge in Value of Forward Sauring Options Contracts Change in Value of Forward Value of Forward Sauring Options Charge in Value of Forward Value of Forward Sauring Options Charge in Value of Forward Value of Contracts Support Sauring Share of Othe Change in Value of Value of Forward Value of Value of Forward Value of Value of Forward Value of Value of Value of Value of Value of Value of Value of Value of Value of Value of	ed for ([member] ,]	ayments Prior (Net) Years' Profits or Losses or Losse
	Statement of changes in				Property, Plant of Intangible and Equipment Assets enefit Plans	Increases (Liability instruments Decreases)	Hedges Foreig Operati	nt in Losses Reclassification of Available-for-sale Comprehensive Reclas Income Adjus	or Contracts Spreads or Loss sification stments		
	equity [abstract] Statement of changes in equity [line items]										
	Equity at beginning of period Adjustments		370.000 3.475	300.984		-376	-376 108.234	0	51.995	160.229 176.413	861.167 185.466 1.046.633 2.057.358 27.777 2.085.135
	Related to Accounting Policy Changes										
	Adjustments Related to Required Changes in Accounting Policies										
	Adjustments Related to Voluntary Changes in										
	Accounting Policies Adjustments										
	Related to Errors Other Restatements										
	Restated Balances Transfers		0 0	0		0	0 0	0	0	0 17.732	167.734 185.466 -17.732 0 0 0
	Total Comprehensive Income (Loss)		0 0	0		-299	-299 664	0	4	668 0	0 221.484 221.484 221.853 -2.831 219.022
	Profit (loss) Other Comprehensive		0 0	0		-299	-299 664	0	4	0 0	0 221.484 221.484 221.484 2.701 224.185 0 0 0 369 -5.532 -5.163
	Income (Loss) Issue of equity										
	Capital Decrease Capital Advance										
	Effect of Merger or Liquidation or Division Effects of Business										
	Combinations Under Common Control Advance Dividend										
	Payments Dividends Paid Decrease through		0 0	0		0	0 0	0	0	0 0	-63.666 0 -63.666 0 -63.666
	Other Distributions to Owners Increase (Decrease)										
	through Treasury Share Transactions Increase (Decrease) through										
Previous Period	Share-Based Payment Transactions Acquisition or Disposal of a										
01.01.2016 - 30.06.20											
	of control, equity Transactions with noncontrolling										
	shareholders Increase through Other Contributions by Owners										
	Amount Removed from Reserve of Cash Flow Hedges and Included in Initial Cost or Other Carrying Amount of Non-Financial Asset (Liability) or Firm Commitment for which Fair Value Hedge Accounting is Applied										
	Amount Removed from Reserve of Change in Value of Time Value of Options and Included in Initial Cost or Other Carrying Amount of Non-Financial Asset (Liability) or Firm Commitment for which Fair Value Hedge Accounting is Applied										
	Amount Removed from Reserve of Change in Value of Forward Elements of Forward Contracts and Included in Initial Cost or Other Carrying Amount of Non-Financial Asset (Liability) or Firm Commitment for which Fair Value Hedge Accounting is Applied										

	Amount Removed from Reserve of											
	Change in Value of Foreign Currency Basis Spreads and											
	Included in Initial Cost or Other											
	Carrying Amount of Non-Financial Asset											
	(Liability) or Firm Commitment for which fair Value											
	Hedge Accounting is Applied											
	Increase (decrease) through other	0	0	0	0	0	0	0	0	0 0	-12.937 0 -12.937 -12.937	0 -12.937
	changes, equity											
	Equity at end of period	370.000	3.475	300.984	-675	-675 10	08.898	0	51.999	160.897 194.145	952.298 221.484 1.173.782 2.202.608	24.946 2.227.554
	Statement of changes in equity [abstract]											
	Statement of changes in											
	equity [line items] Equity at beginning	370.000	2.475	300.984	1.369	1.369 12	05 077	1.621	71.775	199.373 194.145	955.924 324.411 1.280.335 2.349.681	29.776 2.379.457
	Equity at beginning of period Adjustments	370.000	3.413	300.304	1.309	1.309	23.911	1.02.1	11.113	155,513 154,143	555.524 524.411 1.200.555 2.545.001	29.110 2.319.431
	Related to Accounting Policy											
	Changes Adjustments											
	Required Changes in											
	Adjustments Related to Required Changes in Accounting Policies											
	Adjustments Related to											
	Voluntary Changes in Accounting											
	Policies Adjustments											
	Related to Errors Other Restatements											
	Other Restatements Restated Balances											
	Transfers	0	0	0	0	0	0	0	0	0 2.857	321.5542.857 0	0 0
	Total				_							
	Comprehensive Income (Loss)	0		0	2.904	2.904		31.450	764	-32.195 0	0 385.582 385.582 350.483	631 351.114
	Profit (loss)	0	0	0	0	0	0	0	0	0 0	0 385.582 385.582 385.582	-446 385.136
	Other Comprehensive Income (Loss)	0	0	0	2.904	2.904	-1.509	31.450	764	-32.195 0	0 0 0 -35.099	1.077 -34.022
	Issue of equity											
	Capital Decrease											
	Capital Advance											
	Effect of Merger or Liquidation or Division											
	Effects of Business Combinations Under											
	Common Control Advance Dividend											
	Payments Dividends Paid	0	0	0	0		0	0	0	0 0	-120.292 0 -120.292 -120.292	0 -120.292
	Decrease through				U U						-120,292 0 -120,292 -120,292	0 -120.232
	Other Distributions to Owners											
	Increase (Decrease) through Treasury Share Transactions											
	Increase (Decrease) through											
	Share-Based Payment Transactions											
ent Period	Acquisition or											
17 - 30.06.2017	Disposal of a Subsidiary											
	Increase (decrease) through changes in ownership interests											
	in subsidiaries that do not result in loss	0	0	0	0		0	0	0	0 0	-244 0 -244 -244	0 -244
	of control, equity Transactions with											
	noncontrolling shareholders Increase through											
	Other Contributions by Owners											
	Amount Removed from Reserve of											
	Cash Flow Hedges and Included in Initial Cost or Other											
	Carrying Amount of Non-Financial Asset											
	(Liability) or Firm Commitment for											
	which Fair Value Hedge Accounting is Applied											
	Amount Removed from Reserve of											
	Change in Value of Time Value of											
	Options and Included in Initial Cost or Other											
	Carrying Amount of Non-Financial Asset											
	(Liability) or Firm Commitment for											
	which Fair Value Hedge Accounting is Applied											
	Amount Removed from Reserve of											
	Change in Value of Forward Elements of											
	Forward Contracts and Included in Initial Cost or Other											
	Carrying Amount of Non-Financial Asset											
	(Liability) or Firm Commitment for											
	which Fair Value Hedge Accounting is Applied											
	Amount Removed from Reserve of											
	Change in Value of Foreign Currency											
	Basis Spreads and Included in Initial Cost or Other											
	Carrying Amount of Non-Financial Asset											
	(Liability) or Firm Commitment for which fair Value											
	which fail value Hedge Accounting is Applied											
	Increase (decrease) through other	0	0	0	0	0	0	0	0	0 0	-8.779 0 -8.779 -8.779	0 -8.779
	changes, equity Equity at end of period	370.000	3.475	300.984	- 1.535	- 12 1.535	24.468	29.829	72.539	167.178 197.002	1.148.163 385.582 1.533.745 2.570.849	30.407 2.601.256
	periou				1.333	1.535		23.023				